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FORMING A COMPLETE RECORD OF THE PROCEEDINGS OF ALL PUBLIC COMPANIES.

[The MINING JOURNAL is Registered at the General Post Office as a Newspaper and for Transmission Abroad,

No. 2368.—Vol. LI.

LONDON, SATURDAY, JANUARY 8, 1881.

SUPPLEMENT. | PRICE SIXPENCE PER ANNUM, BY POST £1 46. SIXPENCE

MR. JAMES H. CROFTS, STOCK AND SHARE BROKER, AND MINING SHARE DEALER, No. 1, FINCH LANE, CORNHILL, LONDON, E.C. ESTABLISHED 1842.

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Water, and Dock Shares, and all Miscellaneous Shares.

Business negociated in Stocks and Shares not having a general market value.

Every Friday a general and reliable List issued (a copy of which will be forwarded regularly on application), containing closing prices of the week.

MINES INSPECTED.

BANKERS: CITY BANK.	LONDON-SOUTH CORNWALL	BANK, ST. AUSTELL.
Danking, Cara Danie,		
SPECIAL DEALINGS in th	he following, or part:-	
o Aberllyn, 12s. 6d.	75 Herodsfoot, 16s.	75 Pestarena 8s.
5 Almada, 10s.	50 Hingston Down, £11/2	25 Ruby, £6 8s. 9d.
O Carnarvon Cop., 16s.	25 Javali, 6s. 3d.	20 Richmond, £16 12s
O D'Eresby Con., £33%.	25 Leadhills, £2 15s.	10 Roman Grav., £9 17
10 Devon Consols, £17	30 Marke Valley, £1 11 3	50 S. Indian Gold, £2 3
10 East Crebor, 17s.	40 North D'Eresby, 25s.	20 So. Condurrow, £11
5 East Caradon, £134.	150 Nouv. Monde, £1¾.	25 South Darren, £2 1
20 E. Roman Grav., 14s.	50 N. Penstruthal, £1189	50 So.E. Wynaad, £1 16
20 East Van, £1 15s.	50 Pandora, 16s.	50 S. Penstruthal, 16s.
o Flagstaff, £1 6s. 3d.	50 Pen-yr-Orsedd, £11/8.	60 Tankerville Gt. Con
00 Frontino, £5 2s. 6d.	50 Port Phillip, 11s.	75 Trevince Con., £1 5
25 Glenrock, £1 11s. 3d.	100 Potosi.	40 West Godolphin, £2
50 Glenroy, 12s. 3d.	50 Prince of Wales, 21s. 3	50 West Phoenix, £2.
25 Grogwinion, £3 1s. 3	75 Parys Copper, £1 1s.	40 Wheal Crebor, £45%
* SHARES SOLD FOR	FORWARD DELIVERY (ONE, TWO, OR THRE
* SECONDITION OF	TOTOTOGETH OTH MUSTENATURE	DED CENT

MONTHS) ON DEPOSIT OF TWENTY PER CENT.

SPECIAL BUSINESS in North D'Eresby Mountain, West Godolphin,
and Wheal Crebor at close prices.

RAILWAYS—SPECIAL BUSINESS.
FOREIGN BONDS—SPECIAL BUSINESS.
AMERICAN STOCKS AND SHARES—SPECIAL BUSINESS.
Fortnightly accounts opened on receipt of the usual cover in these and all Stock Exchange Securities.

JAMES H. CROFTS, 1, FINCH LANE, LONDON. ESTABLISHED 1842.

MR. W. H. BUMPUS, STOCK AND SHARE BROKER, AND MINING SHARE DEALER

44, THREADNEEDLE STREET, LONDON, E.C. ESTABLISHED 1867.

IMPORTANT TO SHAREHOLDERS AND INVESTORS.

IMPORTANT TO SHAREHOLDERS AND INVESTORS.

There is still a rush for FOREIGN GOLD MINES, to the neglect of SOUNDER INVESTMENTS nearer home, but signs of a coming reaction are not wanting, and it may be safely predicted that the present mania must, sooner or later, result in disappointment and loss to the majority of those persons who place their money in such schemes at the extravagant rates now ruling. On the other hand, it cannot be denied that a very small proportion of the amount thus lavishly subscribed, if properly and honestly devoted to the working and development of SOUND BRITISH MINES, could hardly fail to produce very profitable results within a comparatively short period. Reference is here made more particularly to TIN Mines, for which there is an excellent prospect in the immediate future. The market for this metal is steady, and there is every profitable results within a comparatively short period. Reference is here made more particularly to TIN Mines, for which there is an excellent prospect in the immediate future. The market for this metal is steady, and there is every profitable results within a comparatively short period. Reference is here made more particularly to TIN Mines, for which there is an excellent prospect in the immediate future. The market for this metal is steady, and there is every profitable results to the profitable results of the profitable in the state of the profitable in the state of the profitable in the conditions purchase at present quotations, they may not only ensure good dividends, but a substantial profit on their outlay within the next few months. The following Mines are strongly recommended for Safe and Profitable investment, and shares should be secured at once:

WHEAL GRENVILLE.—This is one of the best mines in Cornwall, and will shortly occupy a prominent position. A Dividend will be declared at the next meeting (in January), and regular and increasing returns may be confidently expected early in the present year, and sh

NEW PLEATURE (New York) and the sures are worth buying for a rise.

WHEAL BOYS.—This Mine is situated in the rich district immediately adjoining Wheal Peevor to the south. The lodes (eight in number) are the same as those of the celebrated Treskerby Mine. Full particulars of the property may be had on application. These shares are recommended for an early and substantial rise.

be had on application. These stantial rise.

N.B.—The last Three Mines are all under the same excellent pursership and N.B.—The last Wheal Peevor.

himmel curent ma it mous To	7 + 0 4 1	
MR. BUMPUS has SPE	CIAL BUSINESS in the u	ndermentioned:-
25 Arendal.	20 East Lovell,	100 Pestarena, 8s.
100 Almada, 9s. 6d.	25 Frontino, £51/4.	25 Panucillo, £61/8.
50 Blue Tent, 36s.	100 Glenroy, 13s, 6d.	10 Richmond, £16 16s 3d
75 Bodidris.	15 Great Holway.	15 Roman Gravels.
5 Cape Copper, £421/2.	25 Hingston, 31s. 6d.	25 Ruby, £63%.
80 Consolidated, 12s.	50 Herodsfoot.	5 So. Frances, £12%.
3 Carn Brea.	50 Hultafall, 34s.	50 South Indian, £2 3s 6
40 Oolorado, £2 16s. 3d.	100 Indian Glenrock, 30s 6	100 Tankerville, 14s.
10 Copiapo, £141/4.	75 La Plata, £2 1s. 3d.	5 Tincroft.
50 Carnaryon, 16s. 6d.	30 Mellanear, £51/4.	25 Wheal Boys, £31/4.
50 Devala-Moyar, £2.	10 Mona, £151/2.	10 Wheal Peevor.
35 Derwent, £214.	60 No. Herodsfoot, 11s.	40 W. Godolphin, £21/4.
100 Don Pedro, 14s. 6d.	50 New Peevor, £21/h.	15 West Peevor, £1634.
3 Dolcoath.	30 New Quebrada,	100 Wh. Jewell, 12s. 6d.
15 Devon Consols, £171/4.	100 Nouveau Monde.	75 West Holway.
20 Eberhardt, £3 13s. 9d.	50 Potosi, 13s. prem.	20 Wh. Grenville, £111/2
2 East Pool.	100 Pen-yr-Orsedd, 23s.	30 Wheal Sisters, £21/4.
40 Emma, £3 8s. 9d.	75 Parys Copper. 60 Port Phillip, 12s.	100 Yorke Peninsula, 7s.
	and we are a security of white	

SPECIAL BUSINESS, at close prices, in the SHARES of all the principal HOME and FOREIGN MINES.

Mr. Bumpus devotes special attention to these Securities, and is in a position to afford reliable information and advice to intending investors and others.

WILLIAM HENRY BUMPUS, SWORN BROKER. FICES: 44, THREADNEEDLE STREET, LONDON, E.O ESTABLISHED 1867.

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200 Brazilian, 50 Gawton. 60 New Kitty.
75 Bodidris, 100 Glenroy. 70 Nouveau Monde, 60 Bedford United. 20 Grogwinjon. 70 Port Nigel.

60 Bedford United.	20 Grogwinion.	70 Port Nigel.
50 Birdseye Creek.	30 Glenrock.	100 Prince of Wales.
2 Carn Brea.		25 Panulcillo.
	150 Hungarian Copper.	
5 Devon Great Cons	ols. 100 I. X. L.	100 Potosi.
100 Don Pedro.	100 Lady Ashburton.	20 Ruby.
50 Denbighshire Con	. 105 Landegla.	100 South Devon.
85 East Devon Conso	ls. 60 Lead Era,	75 South Indian.
120 Exchequer.	85 La Plata,	50 West Kitty.
45 East Caradon.	10 Mona.	100 Wheal Jewell
65 East Chiverton.	65 Morfa Du.	50 West Phoenix.
125 East Crebor.	120 Mysore Reefs.	45 West Caradon.
15 Frongoch.	25 North Busy.	100 Wynaad Perseveranc
SPECIAL BUSINE	SS in Frongosh, Grogwinion	Devon Great Consols, Gaw
ton Wheel Castes T	Wheel Wilder Name Wither Cit	annous Pomon Granala and

BRITISH AND FOREIGN MINING OFFICES.

MESSES. PETER WATSON AND CO., 18, AUSTIN FRIARS, OLD BROAD STREET, LONDON, E.C. BANKERS: THE ALLIANCE BANK (Limited).

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(Over 14 years at the above offices, adjoining the Stock Exchange, with which they are in DIRECT TELEGRAPHIC COMMUNICATION.)

RECENT RECOMMENDATIONS.

As instances of the large profits made by sound advice, the following are given some of the shares recommended in the INVESTORS GAZETTE:—

no or one similes re-	Recommended at Price since	e
	South Darren £ 15% £ 3 10 (1
	East Lovell 1 10 0 5 0 0	1
	Herodsfoot 1 10 0 4 10 0	
	Prince of Wales 7s. 6d 1 5 0	
	Carn Brea 80 0 0 105 0 0	
	New Quebrada 5 5 0 6 10 0	
	Devon United 1 10 0 2 10 0	,
1000	Wheal Peevor 4 0 0 36 0 0	
1880.	West Peevor 2 0 0 17 0 0 South Frances 4 0 0 18 0 0	1
	West Peevor 2 0 0 17 0 0 South Frances 4 0 0 18 0 0 Crebor 2 0 0 13 0 0	
)
	Devon Consols 5 0 0 20 0 0	
	Devon Consols 5 0 0 20 0 0 East Caradon 1 0 0 7 0 0 Roman Gravels 9 0 0 12 0 0 West Devon 2 0 0 4 0 0	1
	Roman Gravels 9 0 0 12 0 0	1
	West Devon 2 0 0 4 0 0	
	Devon Consols 5 0 0 20 0 0)
	North D'Eresby 1 0 0 1 5 0	1
1881.	For future selections which are already COMMENCING TO RISE, send for the INVESTORS' GAZETTE.	

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B. R. E. Y. N. O. L. D. S., WALBROOK, LONDON, E.C. ESTABLISHED 25 YEARS.

BANKERS: LONDON JOINT STOCK. WEST KITTY MINE.

A ready market for the Sale or Purchase of these Shares can be found at this flice. Mr. Reynolds continues to recommend them for investment. Mr. Reynolds refers to his article on page 33.

REYNOLDS ON THE MARKETS AND THE FLUCTUATIONS,

A short Pamphlet for the Investor and the uninitiated. Highly commended y the Press. NOW READY. Forwarded gratis on application to A short Law NOW READ ...
y the Press. NOW READ ...
Forwarded gratis on application to
JOHN B. REYNOLDS,
37, WAL

37, WALBROOK, LONDON, E.C.

FERDINAND R. KIRK, STOCKBROKER, 5, BIRCHIN-LANE, LONDON, E.C. AMERICAN SHARES AND BONDS.—Attention was recently called in "The Week" to Eries when at 39, to Readings at 16, and to Pennsylvania at 60. Despite the great advance still higher prices during 1881 may confidently be relied upon. Fifty shares of each, or any larger number may be secured for the account on receipt of the usual cover. New York Central and Illinois Central deserve attention.

receipt of the usual cover. New York Central and Illinois Central deserve at-tention.

Money is to be made by operating in Atlantic and Great Western Mortgage Bonds.

PENNINGTON AND CO., SWORN BROKERS, 3, ROYAL EXCHANGE BUILDINGS, E.C., Transact business in every description of Stocks and Shares. ESTABLISHED 1869.—BANKERS: ALLIANCE.

TREVINCE CONSOLS.—This mine continues to improve, and will, in our opinion, shortly occupy a prominent position. We most strongly advise immediate purchase of shares for a rapid rise. Price 25s. SPECIAL BUSINESS in Devonport and Tiverton and Gray's Brewery, New Cathedral, New Gold Run, Gold Coast, and Chapel House shares.

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accounts opened on receipt of usual cover.
West Chiverton, West Lisburne, and East Lovell should be secured for an important rise.

portant rise.

BANKERS: CENTRAL BANK OF LONDON (Limited).

MR. W. MARLBOROUGH, STOCK AND SHARE DEALER,

as, Distri	TERRITE GILLERY, WOLLD	ULT p Est. U. p
an SELL the following	g SHARES at prices annexe	
Bedford United, 30s.	25 Glenrock Gold, £1 10 6	50 Port Phillip, 11s. 6d.
Brazilian Gold, 23s.	100 Grey's Brewery, with	60 Pestarena, 7s. 9d.
Bwlch United.	div., £4 7s. 6d.	40 Potosi Gold, 15s. pm.
Colorado, £3.	20 Herodsfoot, 17s. 6d.	50 Rossa Grande, 6s. 3d
Chontales, 5s. 6d.	20 Hingston, £1 10s.	20 Ruby Silver, £61/2.
Devon Gt. Uni., £23/4.	100 I.X.L., 6s. 3d.	40 South Crebor, 30s.
Don Pedro, 13s. 3d.	25 La Plata, £21/8.	20 S. Indian Gold, £21/4.
Devon and Tiverton	15 Leadhills, £25%.	40 Tankerville, 13s.
Brewery, £4 5s.	20 Marke Valley, £134.	30 Utd. Van & Glyn, 11
Devon Consols, £17%.	10 Minera, £9%.	25 ditto pref., 21s
Eberhardt, £31/4.	20 North Alfred.	25 West Caradon, £21/4.
Exchequer, 6s. 6d.	30 New Quebrada, £61/4.	60 West Crebor, 10s. 6d.
East Caradon, £134.	25 New W. Caradon, 16s	30 West Lisburne.
East Lovell, £43%.	50 Nouveau Monde, 35s.	20 W. Chiverton, 30s.

50 Nouveau Monde, 35s. 50 Parys Corpor., 20s. 3d. 20 Panulcillo, £6%. 50 Prince of Wales, 21s. 3 55 Emms, £3½.
55 Flagstaff, £17s. 6d.
50 Fanulcillo, £5½.
50 Frontino, £5½.
50 Prince of Wales, 21s. 3

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See Illustrated Advertisement every alternate week.

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Just published.

MINING INVESTMENTS.

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EAST LOVELL.—Further improvement in market value expected. Special business dealings in Rhosesmor, North Hendre, West Godolphin, Prince of Wales, Roman Gravels, and Mysore Reef Gold.

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44, THREADNEEDLE STREET, E.C.
BANKERS: ROYAL EXCHANGE.

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TREVINCE CONSOLS.—The lode in the new discovery still continues to yield fully 8 tons of copper ore per fathom, and is increasing in value as depth is attained. The shares must shortly greatly improve in market value. Present price about 25s. JOHN BANTING ROGERS, STOCK AND SHARE DEALER, ST. CLEMENT'S HOUSE, LOMBARD STREET, LONDON.

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WITHIN, E.C.,
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LAS CALDAS FREEHOLD MALACHITE COPPER MINING COMPANY (LIMITED). See page 33. Particulars of-

Messrs. WARD AND CO., 184, PALMERSTON BUILDINGS, OLD BROAD STREET, LONDON.

PARBOLA TIN MINE.—See article in page 37 in to-day's Mining Journal.

Full particulars and report can be obtained from Mr. MURCHISON, 8, Austin Friars, London, E.C.

Will be ready in a few days.

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ON SALE—HORIZONTAL VERTUCAL, and PORTABLE WINDING and PUMPING ENGINES, LIFTS OF PUMPS, PIT HEADS, SAW BENCHES, MINING STEEL, a complete SET of GOLD MINING PLANT, &c. Enquiries courted.

courted.

GOLD, SILVER-LEAD MINE, LEASES, with MACHINERY, also LEAD SMELTING and DESILVERISING WORKS ON SALE or TO LET. Full particulars on application.







▲ 1/IPLOMA—HIGHEST OF ALL AWARDS—given by the Geographical Congress, Paris, 1875-M. Favre, Contractor, having exhibited the McKean Drill alone as the Model Boning Machine for the St. GOTHARD TUNNEL.

SILVER MEDAL of the Highland and West of Scotland Agricultural Society, 1875—HIGHEST AWARD.

At the south end of the St. Gothard Tunnel, where

THE MCKEAN ROCK DRILLS

Are exclusively used, the advance made during eight consecutive weeks, ending February 7, was 24.90, 27.60, 24.80, 26.10, 28.30, 27.10, 28.40, 28.70 metres. Total advance of south heading during January was 121'30 metres, or 133 yards.

In a series of comparative trials made at the St. Gothard Tunnel, the McKean Rock Drill continued to work until the pressure was reduced to one-half atmosphere (71 lbs.), showing almost the entire motive force to be available for the blow against the rock—a result of itself indicating many advantages.

The GREAT WESTERN RAJLWAY has adopted these Machines for the SEVERN TUNNEL; the LONDON AND NORTH-WESTERN RAILWAY for the FESTINIOG TUN-NEL: and the BRITISH GOVERNMENT for several Public Works. A considerable number of Mi_{1., n}g Companies are now using them. Shafts and Galleries are driven at from three to six times the speed of hand labour, according to the size and number of machines employed, and with important saving in cost. The ratio of advantage over hand labour is greatest where the rock is hardest.

hese Machines possess many advantages, which give them value unapproached by any other system of Boring Machine.

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The McKEAN ROCK DRILLS are the most powerful—the most portable—the most durable—the most compact—of the best mechanical device. They contain the fewest parts—have no weak parts-act without shock upon any of the operating parts—work with a ower pressure than any other Rock Drill—may be worked at a higher pressure than any other -may be run with safety to FIFTEEN HUNDRED STROKES PER MINUTE—do not require a mechanic to work them—are the smallest, shortest, and lightest of all machines-will give the longest feed without change of tool-work with long or short stroke at pleasure of operator.

The SAME Machine may be used for sinking, drifting, or open work. Their working parts are best protected against and accidents. The various methods of mounting them are the most efficient.

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......£ 2 2 0 0 5 5 0 0 10 10 0 0 21 0 0 200 " 5 " 5 5 0 300 " 9 drawers 10 10 0 0 400 " 10 0 11 0 0 More extensive collections at 50 to 5000 guineas each. Mr. Tennant gives instruction in Geogoly and Mineralogy at 149, 8trand.

A COURSE OF SIX ELEMENTARY LECTURES ON GEOLOGY

A AND PALÆONTOLOGY will be given by J. TENNANT, F.G.S., Professor of Geological Mineralogy at King's College, on January 3rd, 4th, 5th, 6th, 7th, and 8th, at 10 A.M., at his Residence, 149, Strand.

A COURSE OF SIX ELEMENTARY LECTURES ON MINERALOGY, so adapted as to facilitate the Study of GEOLOGY and of the MINERAL SUBSTANCES used in the ARTS, on January 10th, 11th, 12th, 13th, 14th, and 15th.

To be followed by SIX ELEMENTARY LECTURES ON ROCKS AND METALLIO MINERALS, on January 17th, 18th, 19th, 20th, 21st, and 22nd, Terms 10s. 6d. for each Course, or One Guinea for the Three Courses.

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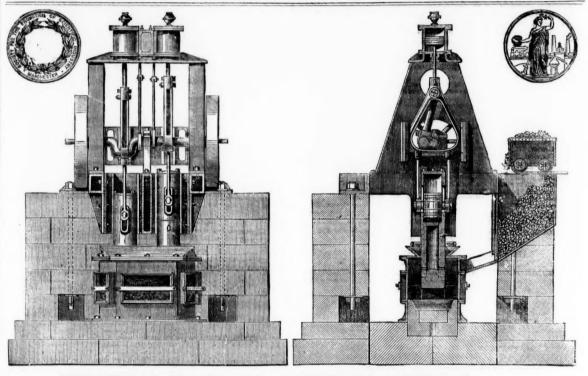
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HOLMAN AND SONS.

JUST FOUNDRY, NEAR PENZANCE. CORNWALL. ROTARY STAMPERS SUPPLIED ON THE SAME PRINCIPLE, ALSO WITHOUT STUFFING BOXES OR WHERE GLAND S

RUNNIMG GEAR EXISTS, OR WITH HORIZONTAL CONDENSING ENGINES AND BELTS TO DRIVE THEM IF PREFERRED

Also, SOLE MAKERS OF STEPHENS' PATENT PULVERISER. MINING AND OTHER MACHINERY CONSTANTLY ON SALE.

STEVENS' UNDERGROUND WINDING ENGINE,

DESIGNED FOR USING COMPRESSED AIR OR STEAM.

SIMPLE, COMPACT, PORTABLE. Silver Medal, Royal Cornwall Polytechnic Society, 1876.

No. 1 size, 7 in. single cylinder, with 2 ft. drums.

No. 2 size, 9 in. single cylinder, 2 ft. 6 in. drums.

A,— 6 in. double cylinder, with 2 ft. 3 n drums

B,— 8 in.

C,—10 in.

D,—12 in.

MANUFACTURED BY

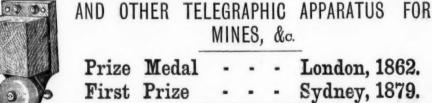
THE USKSIDE CO.,

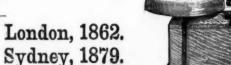
NGINEERS, MAKERS OF PUMPING AND WINDING MACHINERY, AND FORGINGS OF EVERY DESCRIPTION.

NEWPORT, MON.

Agents for the six Northern Counties-TANGYE BROTHERS, ST. NICHOLAS BUILDINGS. NEWCASTLE-ON-TYNE [This Advertisement appears fortnightly.]

SIGNAL ELECTRIC BELLS SAX'S





PRICE LIST POST FREE, ON APPLICATION. JULIUS SAX (ESTD. 1850), 108, GREAT RUSSELL STREET, LONDON, W.C.

This about vears, of near pended paid in shareh The lode a

stock ness h South Cook's 5 to 5 1/4 to 1 durrow 21½ to to 11½ Wheal Wheal

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mend Cook adva Subject 117½ 57 to 1¾ t ¾; F 1½; New to ¾ 52½ 12½ 15 to 11 to Phœ 5 to

APPLICATION LIST CLOSES ON 13th JANUARY, 1881.

Friendship Mining Company Nevon

Incorporated under the Companies Acts, with Limited Liability.

CAPITAL £60,000, IN SHARES OF £1 EACH.

5s. per Share payable with application, 5s. on Allotment, 5s. on 17th March, 1881, and 5s. on 17th June, 1881.

H. W. LAMB, Esq., Anerley, Director of the D'Eresby Mountain Mining Company.

JAMES MACFARLANE, Esq., Gresham Buildings, Director of the Wheal Crebor Mining Company.

J. H. MURCHISON, Esq., F.R.G.S., 8, Austin Friars, E.C.

SAMUEL YORK, Esq., Wolverhampton, Director of the Tankerville Great Consols, and the Devon Great

United Mining Companies.

BANKERS.

THE IMPERIAL BANK (Limited), Lothbury, London.

SECRETARY AND OFFICE.

MR. J. H. A. SMITH, 8, AUSTIN FRIARS, LONDON.

ABRIDGED PROSPECTUS.

about 4 miles from Tavistock, Devon, and has been at work many years, during which it has yielded copper and other ores to the amount of nearly £1,500,000, out of which a very large sum has been expended on the mine (besides a limited capital); £113,436 has been paid in dues to the lessor, and £310,000 has been divided among the shareholders.

shareholders.

The present profits will be much increased as the levels on Bennett's lode are drained, and the directors confidently anticipate that dividends or interest on the capital will be paid the first year.

Although the directors fully expect, with the immense quantities of arsenical pyrites in these mines, that considerable profits from this source will be made, yet it is chiefly to the copper as well as to

This celebrated and very valuable and extensive mine is situate bout 4 miles from Tavistock, Devon, and has been at work many ears, during which it has yielded copper and other ores to the amount hitherto been unusually good, while the tin found formerly was benefit of the services of a gentleman who is well known to be the first of the services of a gentleman who is well known to be the first of the services of a gentleman who is well known to be the first of the services of a gentleman who is well known to be the first of the services of a gentleman who is well known to be the first of the services of a gentleman who is well known to be the first of the services of a gentleman who is well known to be the first of the services of a gentleman who is well known to be the first of the services of a gentleman who is well known to be the first of the services of a gentleman who is well known to be the first of the services of a gentleman who is well known to be the first of the services of a gentleman who is well known to be the first of the services of a gentleman who is well known to be the first of the services of a gentleman who is well known to be the first of the services of a gentleman who is well known to be the first of the services of a gentleman who is well known to be the first of the services of a gentleman who is well known to be the first of the services of a gentleman who is well known to be the first of the services of a gentleman who is well known to be the first of the services of a gentleman who is well known to be the first of the services of a gentleman who is well known to be the first of the services of a gentleman who is well known to be the first of the services of a gentleman who is well known to be the first of the services of a gentleman who is well known to be the first of the services of a gentleman who is well known to be the first of the services of a gentleman who is well known to be the first of the services of a gentleman who is well known to be the first of the services of a gen mostly thrown away.

In order to carry on the operations as quickly and cheaply as possible, boring machinery will be extensively used. It is further very important that the old part of the mines can be worked by water-

The only contracts are the following: one dated the 27th day of October, 1880, between Alfred Lanyon of the one part, and John Daw and John Henry Murchison of the other part; and one dated 11th November, 1880, made between the said John Daw and John Henry Murchison of the one part, and John Henry Augustus Smith, trustee for the company, of the other part — It will be observed that

agreed to be a director, and thus the shareholders will have the benefit of the services of a gentleman who is well known to be thoroughly acquainted with all details connected with mining, and who e interest as a shareholder will ensure his best attention to the affairs of the company.

A large number of the shares are already subscribed for, and applications for the remainder are requested to be made at once.

Full Prospectuses, with Reports, can be obtained at the office, 8, Austin Friars, London.

APPLICATION LIST WILL BE CLOSED ON 13TH INST.

DEVON FRIENDSHIP MINING COMPANY (LIMITED).

NEXT THURSDAY, 13th inst., is the LAST DAY for sending in APPLICATIONS FOR SHARES. Prospectuses and Reports can be obtained at the Office, 8, Austin Friars, E.C. J. H. A. SMITH, Secretary.

6th January, 1881.

PROVINCIAL STOCK AND SHARE MARKETS.

CORNISH MINE SHARE MARKET.—Messrs, ABBOTT and WICKETT. stock and share brokers, Redruth (Jan. 6), write:—A moderate business has been done in Carn Brea and Tincroft shares at better prices.

CORNISH MINE SHARE MARKET.—Messrs. ABBOTT and WICKETT, stock and share brokers, Redruth (Jan. 6), write:—A moderate business has been done in Carn Brea and Tincroft shares at better prices. Q South Frances are also enquired for, but not many shares have thanged hands. Quotations annexed:—Blue Hills, 3½ to 4; Carn Brea, 119 to 121; Cook's Kitchen, 12 to 12½; Dolcoath, 57½ to 58; East Pool, 35 to 35½; Mellanear, 5 to 5½; New Cook's Kitchen, 5½ to 6½; North Busy, 2½ to 2½; Pedn-an-drea, 13½ to 1½; Pendarves United, 9 to 10; Santa Gertrude, 175 to 180; South Condurrow, 10½ to 11; South Crofty, 9½ to 10; South Frances, 12 to 12½; Tincroft, 21½ to 22; West Basset, 14½ to 14½; West Peevor, 16 to 16½; West Frances, 11 to 11½; West Tolgus, 45 to 50; West Seton, 16 to 18; Wheal Agar, 6 to 5½; Wheal Grenville, 10½ to 11; Wheal Kitty, 4 v½, 4½; Wheal Feevor, 27 to 28; Wheal Trussia, 1½ to 2; Wheat Uny, 4½ to 4½; Wheal Feevor, 27 to 28; Wheal Trussia, 1½ to 2; Wheat Uny, 4½ to 4½; Wheal Feevor, 27 to 28; Wheal Trussia, 1½ to 2; Wheat Uny, 4½ to 4½; Wheal Feevor, 27 to 28; Wheal Trussia, 1½ to 2; Wheat Uny, 4½ to 4½; Wheal Feevor, 27 to 28; Wheal Trussia, 1½ to 2; Wheat Uny, 4½ to 4½; Wheal Peevor, 27 to 28; Wheal Trussia, 1½ to 2; Wheat Uny, 4½ to 4½; Wheal Peevor, 27 to 28; Wheat Individual Prices gave way. A large business has been done within the week. To-day market is steady. Carn Brea shares havened 20th, Dolcoath 2?, Tincroft 22, and Cook's Kitchen 30s. The following are a to-days prices:—Blue Hills, 3½ to 4; Carn Brea, 119 to 121; Cook's Kitchen, 12½ to 12½; Gall of 108, pald; Dolcoath, 57½ to 58; East Lovell, 4 to 4½; East Pool, 55 to 55½; Killifreth, ½ to ½; Melanear, 4½ to 5½; New Cook's Kitchen, 6 to 7; North Busy, 2½ to 2½; Wheal They 40; to 12½; South Frances, 110; 11½; Vol 12½; Tincroft, 21½ to 22; Wheat Kitty, 2½ to 2½; Wheal Sasset, 54; to 5; West Seven, 10½ to 11½; South Condurrow, 10½ to 11½; West Stances, 11to 11½; Vol 12½; Wheal Steven, 10½ to 12½; Wheal Steven, 10½ to 12½; Wheal Steven, 10½ to 12½; Cook

MANCHESTER.-Messrs. JOSEPH R. and W. P. BAINES, sharebrokers, Queen's Chambers, Market-street (Jan. 6), write:—The market during the past week has ruled very strong almost throughout, and prices with few exceptions continue to rise, in some cases rapidly, though

London and Yorkshire Bank, 32s. 6d.; Yorkshire Bank, 22¼; Hull Docks, 90 Earle's Shipbuilding, 20¼ x.d.; Hull Trams, 9¼; British Gas, 33.

SCOTCH MINING AND INDUSTRIAL COMPANIES SHARE MARKETS.

OGNIMINGS SEARM MARIEF.—More. Among where the sear of the crime was an above of the principle for, but not many shares have been been as also experted for, but not many shares have been been as also experted for, but not many shares have been been as also experted for, but not many shares have been been as also experted for, but not many shares have been been as also experted for, but not many shares have been been as also experted for, but not many shares have been been as also experted for the search of the principle of the p

account, and the sum of 30431, was carried to reserve, making it 44121. Young's paruffin are steady, about 1274.

In shares of Miscellaneous Companies there is no particular change to notice. Avonside Engine are at 55s.; Droitwich Salt, 13s. 9d.; Earle's Shipbuilding, 14½ dis.; French Zoedone, 20s.; India Rubber, 17½ to 18; Milner's Safe, 9½ to 9½; Palmer's Shipbuilding, 15), 5½ dis.; and Zoedone, 35s. Prices of wagon companies' shares are: Bristoi, 65s. dis.; Bristoi and South Wales, 6½; Birmingham, 13½; Gloucester, 87; Lancaster, 45s.; Metropolitan, 65s. prem.; Midland, 9½; Raliway Carriage, 20s.; Raliway Rolling-Stock, 8; Swansea, 45s.; Western, 55s.; and United States Rolling-Stock, 19 to 19½. Chemical companies' shares are firm, owing to the continued, though perhaps slow, improvement in that trade. Goux Manure are at 20s. 6d.; Longdales, 60s.; Lawes, 5% to 5½; and Newcastle, 55s. to 60s.

The Omoa and Cleland Coal and Iron Company have now sunk down on a fine seam of splint coal, and have announced that, as they possess a large plant in railway stocks, they can promptly supply the finest steam coal, as well as main, ell, and Virtuell coal, upon an extensive scale; also gas coal, shale, and ironstone. They also produce bricks, pipes, and fire-clay goods.

EDINBURGH.—Messys Thomas Miller and Sons, stock and share.

EDINBURGH. - Messrs. THOMAS MILLER and SONS, stock and share brokers, Princes-street (Jan. 6) write:—The market for railway dinary stocks has not varied much during the past week. Pre dinary stocks has not varied much during the past week. Preference, guaranteed, and debenture stocks have maintained their high prices, and in some cases have risen still higher. American railways have been buoyant. Readings fell at one time, but have made a considerable rise on the issue of the new deferred income bonds. British Linen Bank has risen from 268 to 270; Commercial from 249 to 251; Royal from 204½ to 265. Insurance shares have been steady. In mining shares Canadian Copper have been very active, and the price has advanced from 39s. 6d. to 43s. Glasgow Caradon have risen from 24s. to 27s.; Huntington Copper from 68s. to 68s.. Marbella Iron Ore rose at one time from 81s. to 91s., but the price has since receded to 87s. Tharsis have risen from 34½ to 35½. Benhar have receded from 9s. to 8s. 6d.

IRISH MINING AND MISCELLANEOUS COMPANIES' SHARE MARKET.

DUBLIN, JAN. 6 .- The amount of business done in mining companies' shares has been greater than for some weeks past, and prices have been decidedly better. Berehaven shares have been largely dealt in at 4s. 3d., and there have been several transactions in Mining Company of Ireland between 3l. and 3l. 5s. Tramway shares continue dull, and the same may be said of most gas shares; but railways are more in request. The general prospects for the New Year are considered good. Year are considered good.

CORK.-Messrs, J. H. CARROLL and Sons, stock and sharebrokers. CORK.—Messrs, J. H. CARROLL and SONS, steek and sharebrokers, South Mall (Jan. 5), write:—Markets have been steady for past week, but busin ss is very limited. Great Southerns were done at 115½ to-day and Midlands at 90½. Bandons are 91½ and Limericks 38¾. No chan e in Passages or Macrooms. National Banks are strong at 66¼, an Munsters at 6½ to 7. Hibernians remain 43½, Cork Steam Packets are 15½ to 13½ ex div., Lyons at 5 to 5½, and Dalys 3 to 3½. Gas shares sellers at 7½ and Levys at 6. Gouldings remain at 9½, and Harbour Board Debentures at 102½.

Meetings of Public Companies.

COLONIAL BANK.

The half-yearly general meeting of shareholders was held at the offices, Bishopsgate-street, on Thursday,
Mr. Thomas Daniel Hill in the chair.

Mr. James Clark (the secretary) read the notice convening the meeting, and the subjoined report of the directors was submitted:—
The directors now submit to the proprietors the statement of the debts and assets of the corporation on June 30 last, which shows the net profit on the half-year then ending, as follows:—
DEFES.

DEBTS.				
Circulation	£ 468,287	16	8	
Deposits, bills payable, and other liabilities	3,146,203	1	8	
Paid up capital	600,000	0	0	
Reserved fund	100,000	0	8 8 0 0 7 7	
Balance of profit from last half-year	1,401	4	7	
Net profit for the half-year	1,401 42,978	11	7	
Total	£4,358,870	14	6	
ASSETS.				
Specie	£ 288,412	0	2	
Due to the bank in the colonies on bills discounted				
and purchased (including those past due), &c	1,335,242	16	11	
Due to the bank in the colonies on current accounts	21,354	0	5	
Due to the bank in London on bills remitted, cash				
at bankers, &c	2,703,861	17	0	
Bank premises and furniture in London and in the				
colonies	10,000		0	
	20,000		-	

Together

An ordinary dividend of 6 per cent., and an extraordinary dividend of 1 per cent., together, 7 per cent., be made for the half-year ending June 30 last, upon the paid-up capital of the corporation, which will absorb

strongly that the Government should move in the matter, and press foreign Governments to a sugar conference, in order to do away with bounties, and they have also urged that if foreign countries will not do away with bounties a counteravailing duty ought to be imposed. We are waiting anxiously to know what foreign Governments are inclined to do. I understand that negociations are opened up, but no answer has been received yet from the foreign Governments.

The CHAIRMAN, in reply to a question, said there were some bills always that were not read at maturity, but they were of year small.

always that were not paid at maturity, but they were of very small amount. There was a very large amount due to the Bank in London. He wished there was more in the colonies, as it would give a better rate of interest.

The motion for the adoption of the report was then put, and carried

On the motion of the CHAIRMAN, seconded by Mr. HENRIQUES, a dividend of 6 per cent. was declared, and an extraordinary dividend of 1 per cent. for the half-year ended June 30, 1880, on the paid-up capital of the corporation, payable on and after the 8th inst., free of

retiring directors and auditor were re-elected.

bordering on prosperity; therefore he thought there was ample margin for giving them their best thanks, and requesting the directors to continue their exertions on their behalf.

The motion was seconded, and carried unanimously.

The Agedlerock Estate and Gold Mining Company, Limited.

Capital £125,000, in 125,000 Shares of £1 each,

Of which 32,000 Shares are reserved as part payment to the vendor. 35,000 Shares have already been applied for, and will be allotted in full at par, and the balance of 58,000 Shares is now offered for subscription at par.

PAYMENT AS FOLLOWS: -2s. 6d. on application; 2s. 6d. on allotment; 15s. two months after allotment.

DIRECTORS.

ARTHUR HALL, Esq., 35, Craven Hill Gardens, Hyde Park (Vice-Chairman of the South-East Wynaad Estates and Gold Mining Company (Limited).

M. ARTHUR HICKS, Esq., 6, Stanhope Terrace, Hyde Park.

KENNETT KINGSFORD, Esq., J.P., Sandgate, Kent.

(And one Director to be elected by the Shareholders at their First Meeting.)

BANKERS—In London: Messrs. MARTIN and CO., Lombard Street, E.C. In India: The AGRA BANK (Limited).

SOLICITORS-Messrs. NEWMAN, STRETTON, and HILLIARD, 75 and 76, Cornhill, E.C. AUDITORS-To be elected by the Shareholders.

BROKERS-Messrs. HARKER and HANCOCK, 8, Warnford Court, Throgmorton Street, London, E.C. SECRETARY-J. S. TROTTER, Esq.

TEMPORARY OFFICES.

THE OFFICES OF THE SOUTH-EAST WYNAAD ESTATES AND GOLD MINING COMPANY (LIMITED), No. 1, QUEEN VICTORIA STREET, E.C.

ABRIDGED PROSPECTUS

also discovered.

A full supply of timber and water is available for working these two reefs, and there can be no doubt of the fact that they contain a vast amount of gold, and the above report fully endorses Mr. Oliver Pegler's early formed opinion that this quartz was as rich as any yet found in the South-East Wynaad.

The following is the assay of quartz by Messrs. Johnson, Matthey, and Co.'s certificate, dated 13th November, 1880:—Country Rock, adjacent to Stone's Reef—Needlerock, 0.950 ozs. = 19 dwts. per ton of 20 cwts. of quartz. From Messrs. Johnson, Matthey, and Co.'s certificate, dated 20th October, 1880:—Needlerock, small leader, 60.200 ozs. = 60 ozs. 4 dwts. per ton of 20 cwts. of quartz.

A good road has been cut under the superintendence of Mr. Oliver Pegler, three miles long, between this estate and the neighbouring

The CHAIRMAN: Gentlemen, on behalf of myself and my codirectors, I beg to thank you for the manner in which you have received the speech of Mr. Castle Smith, and assure you our best endea yours are always exerted on behalf the shareholders.

The proceedings then closed.

THE LOVELL TIN MINE.

A general meeting of shareholders was held at the company's offices, on Wednesday,—Mr. WM. BLACKETT in the chair,

The statement of accounts for 24 weeks ending Nov. 6 showed a

ss of 489% 6s. 5d.

Mr. BIDDER stated that the accounts were bona fide, and that the in on the mine would realise more than the amount credited, the manager, Capt. Prisk, being instructed to never over-estimate gentlemen would see by referring to accounts that at the previous meeting the fin then credited realised 75. 11s. more, and he believed what was credited on this occasion at 55. per ton would fetch 55t. to 57t., and that the weight would also prove more than credited.

nan credited. The accounts were then received and passed. The agent's report was as follows:—

ociation, and translations of the leases, under which the Needlek Estate is held, can be seen at the offices of the company's

Full Prospectuses and Forms of Application for Shares can be obtained at the Offices of the Company, or from the Bankers or Brokers. Should no Allotment be made, the amount paid on application will be returned in full be returned in full.

or by Jan. 26, and the balance on Feb. 26, and the usual discount of 5 per cent. to be allowed on all prompt payments.

A vote of thanks was unanimously passed to Mr. Bidder for the trouble he took in explaining by the plans and sections the operations at the mine.

A vote of thanks to the Chairman (one of the oldest shareholders in the concern, and a member of the committee of management) concluded the business of

COPIAPO.—At a special meeting on Monday (Mr. J. D. Fletcher in COPIAPO.—At a special meeting on Monday (Mr. J. D. Fletcher in the chair) the resolution passed at the meeting of shareholders on Dec. 13, "That the company may, in the manner required by the Companies' Acts, 1862 to 1880, by sub-division of its existing shares, divide its capital into shares of a smaller amount than the amount of 20l. each, fixed by the present constitution,"was unanimously confirmed, and it was resolved that a special meeting should be called for the purpose of dividing the existing 20l. shares into shares of 4l. each. The Chairman stated that the profit for four months—July, August, September, and October (the latter month being the latest date to which advices have been received from the mine)—amounted to 6000L, which would admit of the payment of a dividend of 10s. per share in the course of the enaming month; but the feeling of the meeting was in favour of a dividend of 7s. 6d., as being more likely to be more permanent and regularly paid every three months. The synopsis of the operations at the company's mines during October—Estimated value of Dulchea and Checo, October production, \$24,550; less expenditure, \$12,075; total profit, \$12,475.

in value freshed. The accounts were then received and pased.
The accounts were the received and pased and the passage and the pas

ness. By the removal of this monopoly no injustice will be done to the proprietors of the dynamite patent, inasmuch as they will still be able to make a fair profit on their manufacture. On the other hand, a decided act of justice will be done to the users of explosives of this class, who will not only, by reason of a wholesome competition, be enabled to obtain dynamite at a greatly reduced price, but will also have the choice of other compounds, which, in some respects, are better suited to their requirements, whilst their cost will be, in proportion, no greater, but, estimated by the work done, perhaps less.

WATSON BROTHERS' MINING CIRCULAR.

WATSON BROTHERS,

NEOWNERS, STOCK AND SHARE DEALERS, &c 1, ST MICHAEL'S ALLEY, CORNHILL, LONDON.

A member of the House of Keys in the Isle of Man has forwarded us a copy of the new Rating Act of 1881, which has been read a second time and passed. Its main object, so far as we can gather from a cursory view, is to make Crown property, when in the hands of a subject, pay its proportion of local burdens. Thus, clause 8 says—"Where property of the Crown of any description, which, if the same belonged to a subject, would be liable to be valued and rated for the payment of local rate, is in the occupation of a subject, such property whilst in such occupation shall be liable to be valued and rated for the payment of local rates, and such rates shall be payable by the occupier of such property as a charge in respect of his occupation only." Clause 5 states that any tenant of a mine may (unless he has specifically contracted to pay such rate) deduct from any rent or dues payable by him one-half of any such rate paid by him."

Thus the rates are to be levied on the rent or dues, the same as the poor-rate is levied on mines in England (where the lessee pays all), but in the Isle of Man, except in the case of specific contracts to the contrary, half is to be paid by the mines and half by the Crown. Now in the lease of Great Laxey there is a clause on the part of the Crown that the mine shall pay "all present local taxes or any new or future taxes that may be levied locally."

Thus the Act falls heavily, and we think unfairly, on Great Laxey; but the fault lies with the Crown, so far at least as we are able to judge at present.

The chief rates of the Isle of Man are—Asylum rate, 5d. in the

Thus the Act falls heavily, and we think unfairly, on Great Laxey; but the fault lies with the Crown, so far at least as we are able to judge at present.

The chief rates of the Isle of Man are—Asylum rate, 5d. in the pound; Education rate, 3d.; Highway, 3d. in the pound. From all of which the Crown property is exempt; and the last clause of the Act under review says—"Nothing in this Act contained shall be construed to make property of the Crown not in the occupation of a subject liable to the payment of local rates, nor otherwise to apply to or affect any rights of Her Majesty, her heirs, or successors."

The insertion of such a clause as we have quoted, in the Great Laxey lease, would almost indicate that the Crown had some notion that one day or other some such scheme as that now proposed might come into operation; and considering the dues imposed by the same lease of 1-8th, we do not wonder that the directors and shareholders are bestirring themselves, and the Crown should at once, at the very least, place them upon the same footing as other mines in the Isle.

We have heard it said that this bill, which throws such burdens on the mining interest, has been "smuggled" through the House of Keys; and it looks very much like it unless (and the idea suggests itself from the seeming inconsistency of two of its clauses) some arrangement had been come to beforehand between the House and the Crown. No. 9 protects the property of the Crown not in the occupation of a subject from all rates. No. 5 makes the Crown, as we read it, liable to half the rates on property in the occupation of a subject. we read it, liable to half the rates on property in the occupation of

"Options" are common both in the stock and mining markets, and we don't see how we can better explain them than by supposing a few cases. For instance, A has an idea that shares in Wheal Bearem are too high, and that the price will be much lower a few months hence. B thinks differently, so A gives him, say, 1s. per share, or 5l. down, for the "put" of 100 shares at 1l. each three months on. If the shares during that time go below 19s. A buys them and delivers them to B at 1l. when the time arrives. If they don't move, or go up, A loses his 5l. and B gains it; and even if the shares are put upon B, they would, with the 1s. in hand only cost him 19s. This is called the "put" option. Oh the other hand, B may think shares in Wheal Bullem must have a rise in a few weeks, and A thinks they will fall. So that B gives A 1s. per share for the call for 100 shares at 1l. per share; and if they don't rise B loses his 5l. and A gains it. A large amount of this sort of business was done in Wheal Crebor when the mine first cut rich, and so many opinions were expressed about it. And we believe rich, and so many opinions were expressed about it. And we believe one or two persons had the "call" of shares at 1l. 10s. when they had reached 12l. per share. The joint "put and call" is another option, and a more expensive one, inasmuch as the payee has the right either to put or to call shares at the fixed price.

The winze sinking below the No. 2 level at Aberllyn is worth 4 tons

The winze sinking below the No. 2 level at Aberllyn is worth a tons of blende per fathom.

The opinion expressed on the dynamite question by Mr. Pendarves Vivian, M.P., at the Penzance meeting agrees with the one object of our remarks last week—that is, to hear both sides of a question before rushing to conclusions. "The miners," Mr. Vivian states, "should take every means to ascertain the truth of the matter, and oppose the application for the patent if they find that the company's charges in this country are excessive in order to pay very high dividends to their shareholders." In this we cordially concur.

From Mr. John B. Reynolds:—The markets have been restless. The Irish difficulty has been made use of by those who wish to check the upward movement. We have had the Irish difficulty before, and it will be difficult to get up a panic over the present one. The probability is that the crisis will be triumphed over by justice and good will. We may be ranguine, but all will unite in the hope that we are correct. Perhaps there never was a time in the history of this country when commercial matters were more promising than now. The new fields of Industry being opened up by civilisation and enterprise must cause great expansion in trade. To some it is a matter of surprise that the metal markets are so good, but to us there appears no reason why tin should not be at 100, per ton before Midsummer. The quotations during the week have from day to day been so far satisfactory as to indicate a further and substantial rise. It is reported that a quantity is being kept back; this fact simply confirms the conclusions to which we have arrived. The managers of our largest tin-producing companies are in no have a trived. The managers of our largest tin-producing companies are in no have been the most tin in reserve will be the foremost to reward the shareholders hereafter. We wish there was not a shadow resting on the mining market, but, unfortunately, there is a cloud gathering. It is well that I do not refer to Cornish mines. Certain irregularities on the part of promoters of certain gold mines threaten unfortunate results. It is a pity that gentlemen should be connected with concerns over the management of which they cannot have the slightest control. We would not be parties to the contraction of legitimate enterprise in any direction, and these remarks are only made for the purpose of contracting enterprise which is not legitimate. A word to the wise is sufficient. The foolish will fasten the stable-door after the horse has bolted. As we have often reminded our readers, it is the habit of many people to make strict enquiry aft

MADRAS GOLD MINING COMPANY .- It is understood that in the course of next week the prospectus of a new undertaking under this title will be issued of acknowledged value, and officered at home and abroad by gentlemen whose names will carry great weight. One and abroad by gentlemen whose names will carry great weight. One of them is Lieut.-Col. William Arbuthnot, whose admirable speech and subsequent replies to questions at the late Ooregum meeting were so greatly appreciated, and displayed such a perfect acquaintance with the subject. The property has been favourably reported upon by gentlemen who have made it the subject of a special inspection, and it is not doubted that when it cemes to be known and the statements made regarding it are weighed the Madras Gold Company will take a front rank amongst those Indian gold investments which are now so popular on the English Stock Exchange. It is understood that a large number of the shares are already taken up.

HOLLOWAY'S PILLS.—In general debility, mental depression, and nervous irritability there is no medicine which operates so like a charm as these famous Pills. They purify the blood, soothe and strengthen the nerves and system, give tone to the stomach, elevate the spirits, and, in fact, make the patient sensible of a total and most delightful revolution in the whole system. They may be commended most nnreservedly as the very best family medicine in existence. Though so powerfully efficacious, they are singularly mild in their operation, and might be given with perfect confidence to delicate women and young children. They contain not a grain of mercury, or any other noxious substance, and cannot do harm. Delicate females and all persons of sedentary habits will find these Pills a blessing.

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The Company has been formed to work an extensive and valuable Tin Mining property in one of the best districts in Cornwall. It adjoins Great Hewas, and is surrounded by others equally famous, including Great Polgooth, Great Dowgas, South Polgooth, and St. Austell Consols, which, it is stated, have yielded over £4,000,000 worth of

The Prospectus will appear next week, meanwhile particulars and Forms of Application may be obtained from the Brokers, Messes. BLYTH and HUTCHINSON,

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or the Secretary,

MR. J. K. LAMB, 33, New Broad Street, London, E.C.

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LAS CALDAS

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Published this day, post free 1½ stamps.

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Contains interesting Articles on the GOLD FIELDS OF INDIA and CORNISH MINING. Every Investor should take it.
Published by Thompson and Son, 14, Old Town Street, Plymouth.

O L D I N C O R N W A L L.—
Gold in unmistakable quantities has been found in FORTESCUE (STAN-NAGWYN) MINE, near ST. STEPHEN'S, and which is likely to have a marked influence on the value of the shares. They now stand at only £2, but must advance in value. Full particulars from Thompson and Son, Secretaries, 14, Old Town-street, Plymouth. THE VAN MINES-MONTHLY REPORT

THE VAN MINES—MONTHLY REPORT.

Jan. 6.—As under please find my monthly report and setting list:—The 120 im. level West: I am glad to inform you that in this end we are driving still in a good lode for lead, worth at present about 2 tons per cubic fathom. The issue of gas from the forebreast in large quantities at to look for further improvement. The winzs from the 105 was communicate to look for further improvement. The winzs from the 105 was communicate to look for further improvement. The winzs from the 105 was communicated to look for further improvement. The winzs from the 105 was communicated to look for further improvement. The winzs from the 105 was communicated to look for further improvement to cross-cut in order to prove the width and value of the lode at the 120, and in doing so will probably get held of the ore ground seen crossing the winzs in the first few fathoms of sinking. We shall resume the driving of the 160 wins, and we hope to get hold of the ore ground seen in the 90 in advance of this end. At present the men are engaged taking down the lode in the side and back of the 105 in the neighbourhood of the 150 winze, where it is worth 18 cwts. per cubic fathom. During the past month we crossed north 16 ft. In the 90 west end, but found the lode poor, withly the exception of the first few, feet, which was fairly mixed with lead ore. We have now resumed the driving of this level. The 75 permanent level is driven far enough west to clear the stopes, so that we shall now commence crossing north for communication with the western level.—Stopes: The only change to report in the stopes are the following:—The stopes in the back of the 105 west, in the 50 fm. section, are 3 ft. wider, average yield about the same as before—35 cwts, per fathom. The 104 stope in back of the 90 west is lengthened 9 ft. A slight failing off in produce in the 55 stope east in the back of the 90 set, is lengthing to the slope in the back of the 20 set to the extent or about 3 cwts. per fathom.—Edwards' Shaft: We have been rea

DEVON FRIENDSHIP. - Since the announcement that the list would

Devon Friendship.—Since the announcement that the list would be closed on Jan. 13 we understand that a great impetus has been given to the subscriptions for shares, and that during the past week a large addition has been made to the number applied for. The more the property is examined the greater its importance and value appears, and we do not remember such an opportunity being ever before given to the public of making an investment so likely to be unusually successful at an early date, and ultimately be a greatly profitable concern. Indeed, considering the profits now being made, and which will be considerably increased as the levels below the adit are drained of water, the first twelve months will almost certainly see a good dividend carned. Enormous profits have been the result of the past, and these can be exceeded in the future, with the aid of much lower royalty, cheaper labour, and boring machinery. Next Thursday is the last day for receiving applications.

PRINCE OF WALES SLATE QUARRY.—The company owning this quarry, which is situated in Carnarvonshire, about 11 miles from Portmadoc, is about to be reconstructed. The present issued share capital is 37,830/., in 7566 shares of 51. each, fully paid, and for each existing share a new 51. share credited with 31. paid up will be given to the present shareholders, the remaining 21. per share being called up as required. The capital thus raised will be applied, after discharging the unsecured debts, in completing the development of the quarry so as to bring it into a profitable condition. The quarry is already opened into seven galleries, and one of the veins is estimated to contain 15,000,000 tons of slate rock, which, taking a yield of only 5 per cent. of dressed rock, with an output of 10,000 tons of slates and slabs per annum, would last for 75 years. The rent and royalties have been redeemed for 7000l., and a narrow gauge line of railway has been constructed under a special Act of Parliament from the quarry to Portmade. quarry to Portmadoc.

NORTH BUSY.—The tin ground discovered by the former company is nearly worked out, there being about from 25 to 30 fms. of ground more standing above the 10 fm. level, that will about pay the cost of stoping. The shoot of tin was about 25 fms. long in the bottom of the adit, and they have driven under this at the 10 fm. level about 21 fms. without finding anything of a paying character, while the lode is said to have already passed through the shaft without developing the improvement anticipated. Better times, are, however, hoped for.

WHEAL COATES UNITED.—The expectation held out of a richer lode as depth is attained is being realised: as well also as the great improvement in the quality and richness of the lode as the great cross-course is approached west, which has enriched each of the eastern mines as it has come in contact with the lodes of these mines. Although some little more time has been expended upon extra work than was anticipated, the coming spring is likely to satisfy, in the shape of profits, all those who have been a little anxious during the delay.

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ESTABLISHED 1864.

Business in any number of Shares

2s. 6d. to 25s., present price, Must go

LEAD (Newcastle-on-Tyne, Jan. 4) .- This market and with little or no enquiry, and the only sale reported is 320 tons of rich lead, at 15l. 2s. 6d.; this is a fall of 2s. 6d. a ton on the last sale. Further sales are reported to-day (Wednesday); 100 tons of Spanish lead, at 14l. 17s. 6d.; 600 tons of Greek lead at 14l. 17s. 6d.

-Myn -Pierr -Powe	ydd Gorde efitte	lu 15	5	£13	3 2	6		Purchasers. E. C. Goodhart.
-Powe		50	1					
-Powe	TI							Parnell and Hall.
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-New	Bronfloyd	20		11	13	0		ditto
-Van		50		11	11	0		Adam Eyton.
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Mining Correspondence.

BRITISH MINES.

ABERLLYN.—John Roberts, Jan. 5: The ground in the valley cross-cut continues of the same character; there are thick faces of blende on nearly all the joints. The winze at No. 2 is down nearly 2 fms. The lode is of just the same value as when we started; worth, I should say, 4 tons of blende per fathom. There is a strong lode in No. 2 end, mixed throughout with blende, but only just enough to pay for dressing. We are only carrying about 3 ft. of the lode, whereas the whole width is 20 ft., so we cannot say what the part we are leaving is worth. When we get up under the blende shaft we shall cross-cut through it through.

ASSGETON.—Joseph Garland, Jan. 5: The 60, driving east of boundary shaft, was extended last month 3 fms. 2 ft. 10 in.; the portion of the lode carried (2½ ft.) contains occasional stones of lead and blende. The ground has become more favourable for driving, and the end is re-set for four weeks, to four men, at 6f. 15s. per fathom. Owing to the heavy rains the water has very much increased in the mine, and considerable repairs to the adit level have become necessary, and are being carried out.

BEDFORD UNITED.—R. Goldsworthy, Jan. 5: Bridge Lode: The men have been putting in timber in McCullan's engine-shaft to secure the hanging-wall; consequently the fode will not be taken down until the early part of next week, when a report shall be sent you.—North Lode: The drivage in the 127 and 118 is now be nig carried on by the side of the lode, so there is no change to report in this part of the mine.

BELOWA.—A. H. Collins, Jan. 5: Considerable progress has been made in

when a report shall be sent you.—North Lode: The drivage in the 127 and 119 is now be ng carried on by the side of the lode, so there is no change to report in this part of the mine.

BELOWDA.—J. H. Collins, Jan. 5: Considerable progress has been made in he new works for draining the great pit on the Beacon Burrow lode. The water meanwhile cannot be kept under by hand-pumps, and we are being delayed until the communication is brought up from the old shart, as proposed. It is essential that this work be effectually done, as a large deposit of good quality tin ground will be laid open, and I find it is improving in depth quite as I expected. In consequence of the delay named we are only stamping by day, but directly we have got rid of the water in the pit we shall resume full work, and shall have an abundance of good tin ground opened up for future working.

BLUE HILLS.—S. Bennetts, R. Harris, Jan. 1: The 50 east is worth 81, per fathom. On the north lode both the 42 cast and west ends are producing tinestaff of low quality, and the 30 cast end is worth 74, per fathom.

BODIDRIS.—H. Hotchkiss, Jan. 5: The only change I have to report on from here to-day is in the 17 cast, where the ore is improving in the roof of the level, and has the appearance of still further improving.—Meadow Shaft: Progress lere is not so good this week, owing to the ground being more difficult for breaking, but the men are working regular and well. The lode in the winze is still be coming smaller; this I think is a pinch in the lode previous to its opening out into a more productive lode. All other places as when last I wrote.

BRYN-YR-AYR.—J. Phillips, Jan. 5: Setting Report: The lode in the adit level driving west of cross-cut is 4½ ft. wide, producing about 20 cwts. of lead ore per fathom; let at 64, 10s, per fathom; this drivage has been extended through about 42 fms. in length of ore ground that has given an average yield of 18 cwts. of lead ore and 8 cwts. of blende per fathom. The adit level east of 18 cwts. of lead ore per fathom i

appears to have entered a distinct shoot of ore. Surface operations going on regularly.

BWLCH UNITED.—N. Bray, Jan. 5: At the 50, driving on the slide, we are in about 5 fms., no sign of the lode yet making off in its usual direction, but we are meeting with strings and flashes of lead occasionally. In the root of the 30 the men are fixing time for starting a rise in firm ground to avoid the dangerous sides in the large open workings beneath the ore ground said to be standing in the high backs. The 100, driving east of Ritchies, is without particular alteration, as the men have been engaged about the other underground work. The stope in the back of the 60 are yielding from 10 to 12 cwts. lead ore per fathom. The weather is again favourable, and our machinery working well as usual.

CAMBRIAN.—W. H. Richards, Jan. 4: Since my arrival here I have carefully gone over the surface and underground workings as far as practicable, and herewith beg to enclose you my report thereon.—Esgair Fraith: The eastern shalt is sunk below the 106 yard level 54 ft. at present, producing 2½ to 3 cwts. of copper per yard, with occasional good stones of silver-lead ore; we purpose sinking this shaft 6 ft. deeper, in order to make it a 20 yard lift—the shaftmen are doing their best to get this done as quickly as possible, which, when completed, will enable us to open up the run of good ore ground sunk through in the shaft from the 106 for stoping. The 106 yard level east is driven 22 yards from shaft, showing good spots of copper and lead ores; I have two men cross-cutting the lode in this level, which is worth 3 cwts, of lead per yard. The 108 yard level west is driven from shaft 6 ft., and at present idle; this level will be extended as soon as the shaft is down—to commence it now would hinder the shaftmen. The 85 yard level, west of shaft, is driven 27 ft., producing good stones of copper and lead ores, with every indication of an early improvement for copper. The 85 yard level east is yielding a little lead ore. The 46 yard level east is principally composed of spar, goosan, and a little green carbonate of copper. In the 10 east the lode is of much the same character as in the 46. I have suspended the two men driving the 35, and put them to cut through the lode in the 86. CARNARVON COPPER.—John Roberts, Jan. 4: In the 90 end the ground is much harder, with more quartz and patches of very rich copper through it; a very kindly end. There is no change in the wince at the 36. Fuller particulars with the setting report. MAI. CAMBRIAN.—W. H. Richards, Jan. 4: Since my arrival here I have carefully

pully composed of spir, goesan, and a little speen carbonate of copper. In the 70 cast the lost is of much the same character as in the 46. I have suspended the two men driving the 35, and put them to cut through the lode in the 86. CANNARIVOS COPPER. —John Roberts, Jan. 4: In the 96 end the ground is very kindly end. There is no change in the winze at the 36. Fuller particulars with the acting report.

CLEMENTINA.—Al. Roberts, W. Sandoe, Jan. 5: The 54 end, driving north, is getting very word than an to the latter. We are alrought of opinion that we shall have a good run of lead ground in this direction. A good change has taken pasce in the stores, which into latlen off considerably, and we fear will throw in forward a little in the time of sampling, but we hope not for long, which we are storing that we storing the word of the story which we are storing to do whilst we can keep it dry.

Olton's BUN.—W. Aloe 2. Im. and the little of the story way likely to lead to a strong wein. There are it agree pieces of ore coming out of the shaft every day.

DENBIGHISHING CONSOLIDATED.—A. Francis, R. Prince, Jan. 6: The vertice of the story of the three pieces of ore coming out of the shaft every day.

DENBIGHISHING CONSOLIDATED.—A. Francis, R. Prince, Jan. 6: The vertice of the story of the story point in the during the story did to say the discovery in No. 2 rise out of the 112 cast main lode maintains its value and productiveness. It is a spiendid course of ore; laft of the blue lead taken from it was no rich and pore that it had aimyly to be plecked, crushed, as the story of the story

having been helping to repair Westgarth's shaft, in which some of the brattice and footway was injured, but which in a few more days will be in order again. The stope over the 74, at the junction of Middle and Burnshields Haugh veins, is without change; vein 2 ft. wide, and worth 16 cwts. of ore per fathorn. The sump under the 88, on the north vein opposite the shaft, as stated in last report, is in two parts, divided by a quantity of stone; for 6 ft. in length it yields 20 cwts. of ore per fathorn. The severe snow storm of last week lasted till Saturday morning, when a thaw set in which has continued, and this morning drawing and dreasing were resumed.

DRAKEWALLS.—M. Bawden, Jan. 6: The bore hole in bottom of deep adit is now down 44 ft., and we purpose on Saturday blasting it, when we hope to knock a hole through to the old workings.

EAST BOTALLACK.—George H. Eustice, John Hollow, Thos. Trahair, Jan. 5: Special Report: The engine-shaft is cleared up to the bottom of the 20, leaving the fork probably about 6 or 3 ft. now to clear the bottom. We have been enabled to go into the 20 fm. level to the end west, a distance of about 44 fms., and in the east end about 36 fms., but in the bottom of the level there is a smail quantity of stuff that will have to be cleared. We are pleased to inform you that we are very agreeably surprised with the general appearance of the loue, it being of a strong masterly character, containing good stones of tin, but we have not yet been able to break sufficient quantity to ascertain its value. Against our next report we shall be able to give you more particulars. In the adit end we have driven round the choke into the ofigmal level, and expect in a few cores to get to the end. All other operations progressing satisfactority.

EAST CARADON.—Manes Kellow, Jam. 5: The only change to notice is in the 70 west on Fawn.—Manes Kellow, Jam. 5: The only change to notice is in the 70 west on Fawn.—Manes Kellow, Jam. 5: Since my last we have been push gof or 15 ft. proved the driving of the 90

0 west on Fawcett, where the lode is a little improved; worth 1 ton of copper orc, or 5t. per fathon.

EAST CHIVERTON.—R. Southey, Jan. 5: Since my last we have been pushing forward the driving of the 90 west with all possible dispatch. End driving by six men, at 4t. per fathons. Lode locking very kindly, with spots of lead in t. We have about 10 lms. further to drive to get under the lead ground gone lown in the bottom of the 74. In the cross-cut south, at the 64, several branches have been intersected, letting out a large quantity of water; therefore, judging rom present appearances, I should think the lode cannot be far off. All other boints throughout the mine much the same as when I reported last.

EAST DEVON CONSOLS.—J. Browning, Jan. 4: I am pleased to state that he prospects of the mine are still very good. The driving of the adit level on he course of Brookwood lode thus far has proved to be most satisfactory. I may ded verything in connection with the mine is going on favourably, and the propects, especially in the bottom of the present driving, are exceedingly good, neighing from the appearances of the lode, I have every reason to believe that we shall have a continuous run of orey ground from the eastern to the western oundary.

Judging from the appearances of the lode, I have every reason to believe that we shall have a continuous run of orey ground from the eastern to the western boundary.

EAST LONG RAKE.—William Vincent, Jan. 5: I have let a bargain to the men in the 50 cross-cut south towards Gin Lode at 124. 12s. per fathom. The rock is hard, but a congenial white limestone, in which the lodes here are found most productive. The stripping of the 50 fm. level east on Middle Lode is progressing well. About 5 fm. have been finished, leaving about 10 fm. to reach the end of level. In taking up the bottom of the level to procure the necessary height good stones of lead are being got. The men who held the mine formerly have sunk two or three winces in the bottom of the level, about 3 fm. deep, and they report good bunches of lead in the bottom of the level, about 3 fm. deep, and they report good bunches of lead in the bottom of them. This ground can be opened up by a cross-cut from the bottom of the shaft at the 60 fm. level. This shall have my immediate attention when the winter is over. We shall then have no water at all to contend with. The tributers are breaking good lead from the stopes in back of 50 cast on middle lode.

EAST ROMAN GRAVELS—Arthur Waters, Jan. 6: In the 109 cross-cut southwest of boundary shaft the country rock appears to be of a congenial character, and I am looking forward to the cutting into the lode with interest. I do not see any reason why the lode should not be found productive in a section of country like this. The 97 south is now about 20 fms. from shaft; lode in the forebreast 3 ft. wide, composed of white spar with stones of lead ore and blende of a promising character. The end is more wet to-day than of late, and I therefore expect a change for the better in the lode shortly. The 86, going north one cast lode from the junction of the shale shows a vein 4 to 5 ft. wide, worth 1 ton per fathom. The stope in the roof of the said level, north of winze, is worth 2½ tons per lathom. The stope in the roof of

super post househout in and hus beatters of them. The grounders is compared to see the post of the pos

GREEN HURTH.—W. Vipond, Dec. 31: The south end of the standage level, from Swan shaft, is still twitched and poor, yielding about 15 cwts. of ore per fathom. The end north is still yielding 2½ tons of ore per fm. The working going on the west branch, north of Swan shaft, is yielding 1 ton of ore per fm.

The stope in the sole of the 30, north of Vipond's sump, is yielding 4 tons of ore per fm. The stope above the 30, near Robinson's sump, is yielding 12 cwts. of ore per fm. Libius com appearances that we may have some improvement in this come in the stope of above the 30, is getting into tetter ore; it is a the fielding of No. 4 stope; is still yielding tons of ore per fathon. We are still making the 30 good, just south of Vipond's cump, before commencing stoping. The vein has been worked a great width here, and requires extra timbeting. We shall soon get to driving now in the cross-cut south from the adit level.

GREEN HURTH.—W. Vipond, Jan. 5: We estimate our present actock of ore, dressed and undressed, at something like 170 tons; I think it is not over-estimated at this. We have got a start with the dressing again this week, and we have cut the snow off the road to Crookburn head, so we shall probably have the carts here to day or to-morrow. Although we have not been getting so much ore the last week as we have been doing for some time, owing to the two stopes meeting in the sole of the 30, the mine is still looking well. The standage level north is yielding well in grey beds, hazles, and plate, and we shall soon be in a polition to work the rich ground above this, up to the sole of the 30. The driving south from Vipond's sump is also showing the hazles from the incline level to the 30 to be every productive going that way. We shall soon have nearly all the work we get coming up the Swan shaft, excepting the stope near Robinson's sump and stope No. 6 above the 30. We certainly commence the new year with a more favourable prospect than we have ever had previously, and are more sure of a mine in depth, as well as in the lower limestone, which has proved so rich, and is yielding so well at present.

GWERN-YMYNYDD.—A. Francis, Jan. 5: Deborah: Here the same favour able appearances continue at each point of operation, and so strong are the indications in both the north and south drivings in main flat that we are

wide (price for driving 32, per fm.), with stones of mundic in it and stains of black copper ore, and looking kindly to further improve, as the level extended west to the flookancours.

Martyn over 1 yslue it much.

NEW WEST CARADON—N. Richards, Jan. 5: There is no change to notice in the winze sinking below the 53. The lode at this level driving east towards that the winze sinking below the 53. The lode at this level driving east towards and the producing grow and yellow of the text of the producing and soon and as soon and the state of the producing grow and yellow of the text of the producing and as soon and as soon and as soon and as soon and the state of the producing grow and yellow off put the mer to drive on its course, and as soon and the state of the producing the prospects of the mining of the prospects of the mining the prospects of the mining of late into a far more congenial nature. I have easily the prospects of the mining of late into a far more congenial nature. I have respons to rinking we are getting near the lode, and I nope soon to be able to report the outling of the same; other points in the mine without change.

NORTHERN.—T. Tonkin, Jan. 6: In the 42 the drivage forward east section is in moderately easy ground, and is showing a little ore. The rise in this section continue to yield saving work. The tribute ground keeps up a yield of 10 cwts. of ore to the fathom. The tribute pitches well section from his where the producing occasional stones of ore, and the drivage on side velin it is the producing occasional stones of ore, and the drivage on side velin it is the nature of the producing occasional stones of ore, and the drivage on side velin it is to prove side velin is in Nafroac Self lazel has come on a small velin showing spots of lead. The vein will soon be reached at this place. In the 15 the cross-cut

seen the none is good work, noted for extended over all coloring very promising for improvement. The lode in the 20 is worth 10 tons of arsenical ore per fathom. We are rising in the back of this level to communicate with the surface, which will give us good ventilation and other communicate with the surface, which will give us good ventilation and other many control of the lode of the l

THE MINING JOURNAL.

| SOME STATE.—Set Databay, and is, fielding Borset The explanation has been compared to the compared of t

for best filtor sper each.

TANKERVILLE GREAT CONSOLS.—Arthur Waters and Son, Jan. 5: Tankerville: The 220 east shows a nice looking sparry orey lode, worth about 1 ton per fathom; the forebreast is letting out a good stream of water, which we look upon as a good indication. It may not be amiss to state here that the end is now about 6 to 7 fms. beyond where the shale should be, according to the dip from the 21 to the 182, and 12 ft. past the point where it was thought the shale had been intersected. We now find hard rock again forming the sides of the lode, and I can only say at present that this is a new feature in my experience of Shropshire lead mining. The fine stopes in this level, east of Watson's, are worth together 6 tons per fathom. In the 206 west of Watson's, about 6 fms. behind the forebreast, is worth 1½ ton per fathom. In the 206, west of Watson's, the level going east of No. 1 cross-cut, on the south lode, is yielding good atones of lead ore. The 206, east of No. 2 cross-cut, on the same lode, is worth 1½ ton per fathom—this is going west of the said cross-cut, shows a strong lode; also worth 1½ ton per fathom—this is going west into whole ground, and, taking the dip, in front of anything seen in the 220 west. The rise in the said 206 west, going up on Roberts' lode, which is standing some 2½ fms. north of the before mentioned lode, is worth 2½ tons per fathom. The winse in the 182 west is down 8½ fms.; lode worth 1 ton per fathom—this is going west of the said cross-cut, shows a strong lode; also worth 1½ ton per fathom—this is going west of the said cross-cut, shows a strong lode; also worth 1½ ton per fathom—this is going west of the said cross-cut, shows a strong lode; also worth 1½ ton per fathom—this is going west of the said cross-cut, shows a strong lode; also worth 1½ ton per fathom—this is going west of the said cross-cut, shows a strong lode; also worth 1½ ton per fathom—this is going west of the said cross-cut, shows a strong lode with the stronger and per decidence of the before men

WEST KITTY.—Wm. Vivian, Jan. 6: There is no change to report in the mine since last week.

WEST PHENIX.—Richard Gluyas, Jan. 5: Contrary to anticipation, we have not yet intersected the lode in the shaft, the great influx of water arising from the lode being more than the present lift is equal to. We have, however, prepared a larger one, which is on the mine and all ready for dropping, and in about a couple of days will be fixed in the shaft. We shall then make much better progress in sinking, and shall without doubt in a few days have the lode. The character of the ground is all that could be desired, being highly mineralized, having numerous small veins dropping into the lode, which I consider is a good feature; and I am strongly of opinion that in a short time a large and productive lode will be intersected. My opinion as to the future of this property was never more sanguine than at present, from the fact of our finding such splendid stores of almost pure tin in the alluvial, which unquestionably came from the back of this lode, and from no great distance from our present workings.

been extended a total distance of 92 fms. west of shaft. We have here the most severe "nip" experienced in that distance. The lode is small and the country rock hard, indicating that we are passing through a knotty band of unproductive ground. A stope 11 fms. behind the end in a vein 2 ft. wide, worth 15 cwts. of lead ore per fathom. We have two stopes below the level between two horizontal beds, in a lode averaging 2 ft., and producing 20 cwts, of lead ore respectively. A stope west of No. 1 rise above the 50, in a lode 2 ft. wide, worth 12 cwts. of lead ore per fathom. The north cross-cut to the parallel lodes is in from the main level 65 fms.; the ground here is easier to work, and consequently much batter progress is being made. We are occasionally meeting with branches or faces of spar, but as yet nothing worth driving upon. We have three pitches at 100s, per ton of dressed ore, and our machinery, both underground and on surface, is all in good order. Dressing and other operations proceeded with as well as the weather and short days will permit. We have 30 tons of lead ore at the mill in course at smelting.

at 100s, per ton of dressed ore, and our machinery, both underground and on surface, is all in good order. Dressing and other operations proceeded with as well as the weather and short days will permit. We have 30 tons of lead ore at the mill in course at smelting.

WEST VOR.—S. Harris, Jan 5: The winze sinking below the adit level, east of cross-cut on the Great Vor lode, is down 4 fms. 1 ft. The lode in the present bottom of the winze is 4 ft. wide, of a very kindly nature, and producing 3 in. We have just intersected a branch in the north part of the winze about 3 in. We have just intersected a branch in the north part of the winze about 3 in. We have just intersected a branch in the north part of the winze about 3 in. We have to the this will increase its value. The branch is composed of prian and peach, also contains tim. The winze is let to four men at 8t, per fathom.

WEST WHEAL PEEVOR.—W. T. White, J. Fryor, Jan. 4: Since the meeting we have cut the lode in the 55 cross-cut, and communicated this level with the winze sunk from the 45; the lode at this point is of a similar character to the lode in the end driving west at this level from Wheal Peevor. We are now driving towards this, and we hope to communicate those two points in at least a fortnight's time, when our position for breaking and discharging tinstuff will be greatly improved. Our new house for the whim is up, and shall commence putting the roof on to-morrow, which we hope to complete this week. It is our pay and setting on Saturday next, and next week another report will be sent out. WHEAL GRENVILLE.—T. Hodge, Dec. 30: We have not yet intersected the lode in the 190 north cross-cut, but it may be expected in another few feet driving. There is no change in the other bargains worthy of note. I will furnish a full report for the general meeting in a few days.

WHEAL JANE.—R. Southey, Jan. 5: Since my last report good progress has been made in driving the cross-cut south at the deep adit level to intersect the Ready Money lode, and I expect to m

anxiously looking forward to cutting the lode in the Scalar Inportant point.

WHEAL PEEVOR.—W. T. White, T. C. King, Jan. 4: We have no particular alteration to report since our meeting. All the points in operation are progressing very favourably, and we are pleased to say the 79, 80, and other ends are equally as good as when reported for he meeting. Next week is our pay and setting week, after which a full report, giving valuation, &c., will be sent

setting week, after which a full report, giving valuation, e.e., who seek out.

WHEAL RUSSELL.—J. Gifford, John Bray, Jan. 5: In Matthews' engineshaft the lode continues its size and promising character, being 3½ ft. wide,
composed of capel and quartz, impreg pted with both mundic and copper ore.

In the stope in the back of the deepend of the stope in the back of the sold in 2½ ft. wide,
worth 9½, per fathom. In the rise in person in the stope in the lode is 2¼ ft.

Wide, and looking more promising promising make the state of the lode is 2½ ft.

The wide, and looking more promising promises and strongly mineralised.

WHEAL UNY.—H. Eddy, M. Rogers, jun., Jan. 6: The stope in back of the
140, cast of old sump, on the north part of the lode lode, is worth 10%, per fm.

The 172, west of Incline, is worth 13%, per fm. We have started a rise in back of
this level, which is worth 10% per fathom. No material change elsewhere.

TO THE METAL TRADE.

POR COPPER, TIN, LEAD, &c., apply to-MESSES. PELLY, BOYLE, AND CO., SWORN METAL BROKERS, ALLHALLOWS CHAMBERS, LOMBARD STREET, LONDON. (ESTABLISHED 1849.)

JOHN G. EAST. NEWCASTLE-ON-TYNE.

BROKER FOR THE SALE OF PIG-LEAD, LEADYORES, COPPER ORE, COBALT, MANGANESE, CARBONATE OF BARYTES. ESTABLISHED 1866.

The Mining Market: Brices of Metals, Ores, &c.

METAL MARKET-LONDON, JAN. 7, 1881.

	-	
IRON. £ s.d. £ s.		TIN. & s. d. & s. d
Pig, GMB, f.o.b., Olyde . 2 13 4-2 13	6	English, ingot, f.o.b 95 0 0- 96 0 0
	-	, bars , 96 0 0- 97 0 0
	-	,, refined 97 0 0- 98 0 0
	richa	Australian 92 10 0- 92 15 0
	-	Bancanom
,, in Tyne or Tees 5 12 6- 5 1		Straits 92 10 0- 92 15 0
,, Swedish, London 9 0 0-10		COPPER.
Rails, Welsh, at works 5 5 0-5 1	0 0	Tough cake and ingot. 65 0 0- 66 0 (
Sheets, Staff., in London 8 00		Best selected 67 10 0-68 0 0
Plates, ship, in London, 7 26-7	5 0	Sheets and sheathing. 70 10 0-72 0 0
Hoops, Staff., 7 0 0	-	Flat Bottoms 74 10 0
Nail rods, Staff., in Lon. 6 5 0- 6 1	5 0	Wallaroo 72 0 0
STEEL.		Burra, or P.C.C 68 0 0- 68 10 (
English, spring 13 0 0-19	0 0	Other brands 66 10 0- 67 10 (
, cast30 0 0-40		Chill born a ch
	-	Chili bars, g.o.b 62 0 0- 62 5
	_	PHOSPHOR BRONZE.
LEAD.		Alloys I., II., III., and IV £120 0
	Trajes	,, VI. and VII 135 0
T D 15 7 6 16 1		,, XI., Spl. bearing metal 112 0
W D 10 00		
shoot and han 10 0 0	com.	BRASS.
mine 10 10 0	-	Wire 61/d
17 10 0	_	Tubes 9½
milita 22 0 0 24	0 0	Sheets 834 -9 d.
	0 0	Yel, met, sheath, & sheets 6 d
	-	TIN-PLATES.* per box.
NICKEL.		Charcoal, 1st quality 1 2 0-1 4
Metal, per cwt		,, 2nd quality 0 18 0- 1 0
Ore, 10 per cent. per ton.20 0 0-25	0 0	Coke, 1st quality 0 18 0- 0 19
QUICKSILVER.		,, 2nd quality 0 15 6- 0 16
	MANUEL .	Black per ton 15 10 0
SPELTER.		Canada, Staff. or Gla. 1 12 0 0-
	-	at Liverpool
	-	Black Taggers, 450 of 30 0 0-
Sheet zine19 5 0-20	10 0	14 × 10
		1 41 / 40

works, 1s. to 1s. 6d. per box less for ordinary; 10s. per ton less fo K 6s. per box more than IC quoted above, andadd 6s. foreach X, se 2s. per box below tin-plates of similar brands.

Canada: IX 6s. per box more than IC quoted above, and add &s. for each X. Terne-plates 2s. per box below tin-plates of similar brands.

Remarks.—The new year has opened in a most satisfactory manner for the metal trade, buying for most metals having been very spirited throughout the whole of the week, while improved prices have been paid, and a buoyant tone has prevailed in every branch. The general opinion which exists seems to be to the effect that during the early part of this year there will be a similar amount of buying as at the corresponding period of 1880, and operators become more and more anxious to secure their purchases ere any great advance be effected, believing that the spurt which has taken place this week is the commencement of the recovery in prices which for so long past has been promising. The increased business which has been transacted since the turn of the year may also probably have been stimulated, more or less, by the improved statistics of some metals. For some time back a manifest disposition has been predominant to enter into contracts, but at the same time a feeling of some hesitation has existed amongst operators, not because of the provalence of any fear that the development in the trade would not meet the anticipations formed of it, but on account of buyers generally being reluctant to be the first to make purchases, and they have continued to hold off in the hope of buying at the minimum of the market, but now buyers seem to believe that it is too risky to withhold their orders for any lower rates, and hence the cause of the sudden animation is seen. The favourable reports from the Colonial markets which give so much promise of a still further increase in the demand, combined with the fact, as seen by statistics, that during 1880 the wants of the trade for the chief metals were in excess of the supplies, are the principal causes which have goaded buyers on to make purchases without delay, and nothing has arisen so far to damp this confidential tone. The only fear which presents

itself is that speculators may be carried too far away by the bright the prospects and purchase freely, whereby an inflation may occur in the formar continuing in excess of the latter, there can be little or no adoubt but that any reasonable rise which may be made in prices will be permanently maintained. Advices from the Continent are also satisfactory, and, as a very fair amount of business is being transacted for home consumption, there seems every prospect of vitality in the demand for some time to some.

Corpers.—The improvement which occurred in prices last week has been maintained, and a fair business has been transacted. The price of Chill bars on Monday advanced from 622. 15s. to 53. 5s., but has since been rather fluctuating, and down to 622. accepted. The better tone probably arises from the more favourable statistics which were published on the 1st inst., the total visible stock having been reduced to 60,610 tons against 62,299 tons on the 1st of December, and 62,140 tons on the 1st of January. It is also interesting to note that the stock is less than upon the first of any month last year. To commence the new year the visible stock was 1530 tons less than that with which last year opened, while the price of bars was 4t. per ton less. It is therefore not surprising that buyers should have displayed more disposition to enter into contracts and the improved price will doubtless be upheld for some time to come, and with the continuance of a fair demand prices may not unlikely further advance. The stock of Chili produce in first and second hands in Liverpool and Swansea on the 31st ult. was reduced to 32,942 tons, the improved price will doubtless be upheld for some time to come, and with the continuance of a fair demand prices may not unlikely further advance. The stock of Chili produce in first and second hands in Liverpool and Swansea on the 31st ult. was reduced to 32,942 tons, the improved price will doubtless to the price of the stock in Great was the stock in Great was a stocked to make business it becomes more and more evident that iron will have to be drawn from the visible stocks. If the wants of the trade were diminishing, then the reduction which has been effected in the total stock might not be a matter of so much importance; but since there is every indication of a growing increase in the trade requirements, there seems a good prospect of some great portion of the unprecedented heavy public stocks being reduced. As we pointed out last week, the consumption and shipments all last year were far in excess of any for some few years previous, and there is every reason to expect that the legitimate wants of the trade will continue to increase, and improved prices be realized. The wages dispute is just now giving some cause for anxiety, especially in Staffordshire, where some of the men are said to be on strike. A good business has this week been transacted in the Glasgow warrant market at rather variable rates. Monday being appointed a holiday in Scotland there was no market, but on Tuesday business was done between 53s. 6d. and 53s. 9d., and on Wednesday between 52s. 10d. and 53s. 3d., while yesterday the market was steady at 53s., and closes today at 53s. 4d. to 53s. 6d. An improved tone has been perceptible upon the Middlesbrough market, and higher prices have been realized than for two months back; No. 3 being held for 42s., and forge iron for 41s., with buyers at a shade under. For delivery by the end of March, makers are quoting 42s. 6d. for No. 3. Inquiries for warrants are fairly numerous, but the advanced prices have formed a check to business, quotations being chiefly at 43s. to 43s. 3d. for No. 3. Last Tuesday the stock held by Messrs. Connal and Co. had increased by 3737 tons, amounting to 127,890 tons. The total shipments last month were about 79,000 tons, which albehough rather small are nevertheless up to the average of the other months in the year. The total shipments of pigs last year from this district are estimated at about 96,000 tons, of which about 90,000 tons were shipped to the

sold at about 5s. to 10s. per ton less. Holders of pigs have shown no disposition to press sales, while prices have displayed an improving tendency.

At Birmingham very little business is reported to have been transacted; nevertheless, inquiries are fairly numerous and prices are firm, especially for galvanized iron, owing to the increased value of spelter. There are still one or two of the mills which have not restarted since the vacation, owing to the indisposition on the part of the men to summe work at the existing scale of wages. Most of the mills and forges, however, have recommenced work, and at one or two establishments operations are of a fairly brisk character. No fresh feature is to be reported from Sheffield, but with a fair demand prices have been steadily maintained. A buoyant tone prevails in the Welsh districts, and notwithstanding that the American demand has not revived, yet increased orders are being received from Indian, continental, and home consumers, which compensates makers for the deficiency in the American demand, and the utmost confidence exists that there will be a development in the future demand from those markets. Advices from America report lower prices for Scotch pigs, but at the same time transactions continue numerous. Gartsherrie, Glengarnock, and Coltness have fallen 2s. per ton, the first two being quoted at 22 50 dols. for No. 1, and the two latter at 23 50 dols. Quotations for Eglinton remain unaltered at 21 50 dols. Large sales continue to be made in scrap and old rails, while quotations remain without change, scrap being held for 27 50 dols. and old rails for 28 dols.

Tin.—A very large amount of business has been transacted in this metal, and prices have fluctuated considerably betwix 91l. 10s. and 93l. for the foreign. On Monday transactions were carried through chiefly between 91l. 10s. and 92l. cash, improving on Tuesday to 92l. 17s. 6d. to 93l., receding however again on Wednesday to 92l. 10s. to 91l. 15s., but yesterday the market improved to 92l. 10s. and closes

were not so satisfactory as those issued at the end of November, the visible stock having increased to 13,584 tons against 12,986 tons on the 30th November last, and 14,835 tons on the 31st December, 1879. The opening price for this year was 91/1, the same as that quoted at the beginning of 1880, while the stock is 1249 tons less, so there seems little to doubt that at least a similar advance as took place last year will be again effected. The deliveries in London and Holland during December were not so good as in November, being 1541 tons against 2120 tons. The shipments from Straits last month were 750 tons and from Australia 990 tons. The total shipments from Straits and Australia last year were 10,703 tons against 10,986 tons in 1879, and the total deliveries in London and Holland in 1880 were 20,751 tons against 21,250 tons in the previous year. A sale is just announced for the 25th inst.

deliveries in London and Holland in 1880 were 20,751 tons against 21,250 tons in the previous year. A sale is just announced for the 25th instat Rotterdam of 18,200 slabs Banca and 4800 slabs Billiton.

Lead.—There is hardly any change to be reported in the state of this market, the demand continuing rather quiet, but prices have been steadily upheld for all descriptions.

Spelfer.—The sudden rise which took place in this metal at the end of last week has not only been maintained, but prices for Silesian have further advanced, while English hard has also been quoted at improved rates. The tone appears good, and higher prices are looked for.

TIN-PLATES.—Business is rather restricted, but prices remain without change.

CHANGE.
QUICKSILVER is without improvement.
STEEL.—This market has continued rather quiet, and prices steady.
The demand for rails for America has not materially revived; never-

theless there is a moderate business doing, but inquiries for other descriptions keep limited.

THE MINING SHARE MARKET opened rather actively this week, and a rise took place in the price of several prominent shares. After awhile, however, it became quieter, and the advanced quotations were scarcely sustained.

were scarcely sustained.

The shares mostly dealt in were Carn Brea, Bedford United,
Wheal Crebor, West Crebor, East Lovell, Hingston Down, Parys
Copper, Prince of Wales, South Frances, West Caradon, New West
Caradon, Wheal Peevor, and a few others.

TIN.—The standards for tin are advanced 2l. per ton on Monday, and as tin has been firmer in the metal markets, a fair amount of business has been done in tin shares, and in some cases at a conousness has been done in the shares, and in some cases at a considerable advance on last week's prices. They all leave off firm. Carn Brea rose on Monday 15*l*. per share, and, after several fluctuations leave off 122½ to 125. South Condurrow, 10½ to 11; at the meeting here, the accounts showed a profit of 2583*l*. in five months' working, and a credit balance of 5131*l*., out of which a dividend of 10s. per share (3062*l*.) was declared. During the past twelve months the mine has sold 55*l* tons of tin, which had realised 29,391*l*., and made a profit of 10.121. The agent reported that the mine has

months the mine has sold 551 tons of tin, which had realised 29,391*l.*, and made a profit of 10,181*l*. The agent reported that the mine had decidedly improved during the year.

Cook's Kitchen, 12 to 12½; call of 10s. paid. At the meeting a loss was shown on four months' working of 1154*l.*, and a debit balance of 2678*l*. New Cook's Kitchen, 5½ to 6; the accounts showed a loss here of 891*l.* on four months, and a debit balance of 1558*l.* Blue Hills, 3½ to 4; Dolcoath, 57½ to 58½; East Pool, 35 to 36. East Lovells have been weaker at 4 to 4½. Polrose, 1½ to 2; South Frances, 12 to 12½; Tincroft, 21½ to 22½; West Basset, 14½ to 15½. West Frances, 10 to 11; at the meeting the accounts for four months showed a balance against the mine of 5346*l*. West Peevor, 16 to 17; West Phoenix, 1½ to 2½; Wheal Basset, 5 to 5½; Wheal Grenville, 10½ to 11; Wheal Jane, 15s. to 20s.; Wheal Jewell, ½ to ½; Wheal Kitty (8t. Agnes), 4 to 4½; Wheal Peevor, 27 to 29; Wheal Uny, 4½ to 4½; Wheal Coates, 20s. to 25s.; West Kitty, 1½ to 2; New Kitty, 25s. to 35s.; North Penstruthal, 1¾ to 2¾; New Peevor, 2 to 2½; South Crofty, 9½ to 10.

35s.; North Penstruthal, 1½ to 2½; New Peevor, 2 to 2½; South Crofty, 9½ to 10.

Copper has been much firmer, and at the Cornish Ticketing, on Thursday, the standard for ore advanced 3l. 5s. per ton; the average price of the ore sold was 3l. 8s. 6d. per ton. Several copper mines have been in more demand, at advanced rates. Devon Great Consols, 16½ to 17½; Devon Great United, 2½ to 2½; Wheal Crebor, 4½ to 4½. West Crebors have been largely dealt in, and leave off 9s. to 11s. Bedford United also in good demand, and leave off 9s. to 11s. Bedford United also in good demand, and leave off 27s. 6d. to 32s. 6d. East Caradon, 1½ to 1½; East Crebor, 15s. to 17s. 6d.; Gunnislake (Clitters), 3½ to 4; Carnarvon Copper, ½ to 1; Hingston Down, 1½ to 1½. Mellanear, 4½ to 5; at the ticketing, on Thursday, 625 tons of ore realised 1870l. Marke Valley, 1½ to 1½; Morfa Du, 17s. 6d. to 22s. 6d.; Parys Corporation, 20s. to 22s. 6d. Prince of Wales have been largely dealt in, and leave off 20s. to 22s. 6d. West Caradon, 1½ to 2½; New West Caradon, 15s. to 17s. 6d. West Tolgus, 50 to 55; the sale of ore here (197 tons) realised 1058l. West Seton, 17 to 19. Mona, 15 to 15½; the 70 east is reported as still very rich, and other parts unchanged. South Crebor, 1½ to 1½; Gawton, 25s. to 30s. to 30s.

LEAD mines have not been so much dealt in as copper and tin, and quotations are mostly nominal. Van, 15 to 16; the bottom levels are looking very well. The sale of ore on Thursday (200 tons of lead and 100 tons of blende) realised 2250L. Roman Gravels, 9½ to 10

levels are looking very well. The sale of ore on Thursday (200 tons of lead and 100 tons of blende) realised 2250l. Roman Gravels, 9½ to 10 Tankerville Great Consols, 10s. to 15s.; at Pennerley and Bog they expect to start the engine to pump in about a fortnight. East Roman Gravels, 17s. 6d. to 20s.; the stope in north of winze is worth 2½ tons of lead ore per fathom, south 2½ tons, and the winze below this level 3 tons. Bwlch, 2 to 2½; berwent, 2½ to 2½; D'Eresby Mountain, 40 to 50; East Craven Moor, ¼ to 1. East Van, 1½ to 1½; Frongoch, 4 to 4½; this mine sold on Dec. 31 100 tons of blende, at 3l. 2s. per ton. New Wye Valley, 1 to 1½; has sampled 50 tons of lead. Glenroy, ½ to ¾; Gorsedd and Merllyn, 2½ to 3; Great Holway, 4 to 5; Great Laxey, 18½ to 19½; Grogwinion, 3 to 3½; Herodsfoot, 15s. to 20s.; Leadhills, 2½ to 3.

North D'Eresby, 20s, to 25s.; Pandora, ½ to¾; Pen-y-Orsedd, 1 to 1½; Port Nigel, 2 to 2½; South Darren, 2 to 2½; West Chiverton, 1½ to 1½; Gwern-y-Mynydd, 2½ to 3. The ground at Deborah Shaft is favourable for ore, but during the past week operations have been delayed by the rain. Hartington, 1 to 1½; Mawston, 1 to 1½; Red Rock, 2 to 2½; West Wye Valley, ½ to ¾.

FOREIGN MINES.—English-Australian, 15s. to 20s.; Arendal, 2½ to 3; Brazilian, 1½ to 18; English-Australian, 15s. to 20s.; Arendal, 2½ to 3; Enzilian, 1½ to 1½; Canadian Copper, 2 to 2½. Copiapo, 13 to 14; the profit made in four months is 6000l., and a dividend of 7s. 6d. per share has been recommended. Don Podro, 12s. 6d. to 15s.; South Indian Gold Mine, 2 to 2½; Indian Glenrock Gold Mine, 1½ to 1½; Ridian Phenix Gold Mine, 1½ to 1½; Devala-Moyar Gold Mine, 1½ to 1½; Rayanga, ½ to ¾; Colorado, 2½ to 3½; Eberhardt, 3½ to 3½; Flagstaff, 1½ to 1½; Emma, 3½ to 3½; La Plata, 1 15-16 to 2½; Kapanga, ½ to ¾; Colorado, 2½ to 3½; Eberhardt, 3½ to 3¾; Flagstaff, 1½ to 1½; Emma, 3½ to 3½; La Plata, 1 15-16 to 1½; Rayanga, ½ to ¾; Colorado, 2½ to 3½; Eberhardt, 3½ to 3½; Flagstaff, 1½ to 1½; Emma, 3½ to 3½; La Plata, 1 15-16 to 1½; Fanulcillo,

The Market for Mine Shares on the Stock Exchange has been in a The Market for Mine Snares on the Stock exchange has been in a thoroughly healthy and active condition throughout the week, and although in one or two exceptional cases the quotations are lower this evening than last Friday the general movement has been upward, and there is certainly no disposition to force sales. This is attough in one of two exceptional cases the quotations are lower this evening than last Friday the general movement has been upward, and there is certainly no disposition to force sales. This is not surprising when it is considered that the tin standards were raised on Monday, and that both at the Swansea ticketing on Tuesday and at that at Redruth yesterday the advance in the copper standard—24. 13s. 9d. at Swansea and 34. 5s. in Cornwall—was sufficient to give many mines a good balance at the Bank upon a three months' working instead of leaving them just struggling to meet cost. At South Condurrow meeting a dividend of 10s. was declared, and in several other concerns in which the shareholders have met the financial prospect is decidedly cheering. The new companies formed for working home mines are reported to have been well received, although they have been unable to place their shares so rapidly as some of the Indian and other foreign gold mines. Devon Friendship, which closes its subscription list on Thursday, is said to have received sufficient applications to admit of selecting its shareholders, and Wheal Boys is progressing favourably. Altogether the prospects are encouraging, and promoters seem well disposed to take advantage of them. The Needlerock prospectus is published this week, and the Madras Gold Mining Company, which will work in the Mysore district, will invite the support of the public within the next few days. next few days

Indian Gold Mine Shares continue in as great favour as ever, and the transactions have been very numerous. as ever, and the transactions have been very numerous. The Needlerock Company, an offshoot of the South-East Wynnad, promises to become as great a success as its predecessors, the shares being already well applied for. The closing quotations are—Devala Moyar, 1½ to 2½ ex all; South Indian, 2 to 2½; Indian Glenrock, 1½ to 1½; Indian Phenix, 1½ to 1½; South-East Wynaad, 1½ to 1½; Mysore Reefs, ½ to ½ prem.; Devala Provident, ½ dis., par; Mysore, ½ to ½ prem.

The Needlerock Estate and Gold Mining Company, with a capital of 125,000%, in shares of 1½ each, has been formed to purchase for The Needle

of 125,000l., in shares of 1l. each, has been formed to purchase for 85,0002. (of which 53,0002 is to be in cash, and the remainder in fully-paid shares) and work the Buckingham and Stone's reefs with about 250 acres of land, being part of the Needlerock estate held on lease by the South-East Wynaad Estates and Gold Mining Company lease by the South-East Wynaad Estates and Gold Mining Company. When this latter company was formed Mr. Oliver Pegler wrote with regard to Needlerock:—This estate has been considerably improved of late by new roads, thus making the application of manure easy, and the general working of the various fields more profitable. The supply of timber is sufficient for all purposes; there are several streams that take their rise on this property, and great natural facilities exist whereby a large storage of water may be economically effected, and turned to good account for both mining and agricultural purposes. There are several magnificent and highly promising outerops of auriferous quartz reefs on this estate, and in the underlie of which numerous old workings occur. It is probable that these outcrope belong to two principal veins, which are well known as the Chandos and Buckingham reefs. He has since reported that on the Needlerock estate, at the point near the boundary separating the two properties, we were successful in meeting with some rich quartz, in thin leaders, running through guelss rock. Some of the specimens obtained were very rich. No doubt these veins strike from a strong reef, which obtained were very rich. No doubt these veins strike from a strong reef, which obtained seems at hand. There is here a great extent of old workings, both quartz mining and alluvial washings. Captain Roberts, at present in charge of the mining works at this point, reports to the manager, under date Oct. 16, that the samples of stone tried during the week averaged ½ to ½ oz. of gold per ton, and that in some of them large quantities of native silver, in the proportion of from 50 to 100 ozs. per ton, had been also discovered. Messrs. Johnson, Matthey, and Co. 100 ozs. per ton, had been also discovered. Messrs. Johnson, which is, a very important point, and these reefs can be at once worked without further prospecting. The perfect freedom to build stores, houses, and put up machinery, besides having spots for the deposit of the debris of the workings, are great advantages. The prospectus will be found in another column.

Devon Great Consols, 17 to 18; and have been in good demand all the week, and appear very scarce. The month's sampling of copper ore is 900 tons.

Devon Great United, 2½ to 2½; rapid progress is being made, and water is now out of the bottom of one of the shafts. Good indications appear in the 20 cross-cut.

water is now out of the Society of the States.

Good factor in the 20 cross-cut.

South Wheal Frances shares have advanced to 12, 13, and mines

South Wheal Frances shares have advanced to 12, 13, and mines said to have improved in the bottom levels.

Mona, 15 to 15½. The end going east of the 70 is still very rich, and the tribute pitches are turning out a good quantity of ore; two of them have considerably improved during the last few days. Other parts of the mine unchanged.

East Long Rake, 1 to 1½; these shares are reported firm, and are said to be well held. From the special report, by Capt. Wm. Francis, it appears that the mine has every probability of achieving a great success when the Gin lode is cut.

The Secretary of the South Indian Gold Mining Company (Limited) informs us that under instructions from the board average samples

The Secretary of the South Indian Gold Mining Company (Limited) informs us that under instructions from the board average samples of quartz have been taken from tunnel No. 1 at 170 ft. below the surface, and No. 2 reef at 80 ft., and sent to the Bombay Mint for assay. The agent of the company has just telegraphed that the average of nine assays was 1½ oz. per ton.

Messrs. Henry Bentley and Co. (Limited) held their second general practing at the registered offices of the company, at Woodlesford, on

meeting at the registered offices of the company, at Woodlesford, on Jan. 6, when a dividend at the rate of 10 per cent. per annum was declared for the half-year ending Sept. 30 last. The share list is now

The London and Staffordshire Fire Insurance Company notify that Mr. Patrick Comrie Leckie, of Messrs. Durant and Co., has joined their board.

The Standard Bank of London letters of allotment were posted on

The Nouveau Monde Gold Mining Company have received a tele-The Nouveau Monde dold Mining Company have received a tele-gram from one of the directors, now at Trinidad, to the effect that the purchase and transfer of the Nacupai Mines has been completed, and that they have taken possession, and also that the title deeds have been lodged in the Bank. The Rico Silver Mining Company are offering their \$10 working capital shares at 1l. per share in blocks of 50 shares, or multiples thereof; the certificate to be registered and non-transferable until

thereor; the certificate to be registered and non-transferable and the company has paid its first dividend, after which time the non-transferable certificate may be surrendered, and a transferable certificate issued in lieu thereof. Dividends will be payable in Chicago or in London at the option of each shareholder. The company is well known to the readers of the Mining Journal, and is mentioned by a correspondent in a communication insected backs.

at the option of each shareholder. The company is well known to the readers of the Mining Journal, and is mentioned by a correspondent in a communication inserted to-day.

St. John del Rey, 240 to 260, the price is said to be sustained entirely by market operations; it is to be hoped that outside capitalists purchasing may not have subsequent cause for regret. A letter from the district appears in another column.

Hungarian Copper, 1½ to 1½; in reply to numerous applications for shares in the Hungarian Copper Company, the directors beg to state that all shares were subscribed for and allotted some time since,

Sentein Silver-Lead, $1\frac{1}{8}$ to $2\frac{1}{8}$; it is reported that the London management of this company is about to be removed to the offices of Messrs. John Taylor and Sons, of Queen-street Place, If this be true will be another addition to the long list of dividend-paying mines

it will be another addition to the long list of dividend-paying mines to which they are secretaries.

Richmond, 16 to 16½; the usual telegram from the mines at Eureka, Nevada, states that the week's run was \$55,000, from \$60 tons of ore. During the week the refinery produced dore bars to the value of \$40,000. The manager (Dec. 15) reports that the \$800 north-west, on fissure, has been extended 11 ft.; the fissure is still regular and well defined. The \$800 south, on quartzite, has been advanced \$7ft., with very favourable indications for ore. The \$800 north, on line, has been extended 20 ft. in fair looking ground. The 900 winze has been sunk 11 ft.; now down a total depth of \$2ft., with favourable ground for ore in the bottom. No. 15 chamber is looking well, especially in the eastern end, where the developments are better than we expected. No. 13 chamber is also looking better in the south end. No. 14 is looking very well, and shows as much ore, at present as it has for some time past. No. 16 chamber, below the 200, is opening out to quite a good-sized body of ore. The ore in the 700, although not as yet developed into a large chamber, is looking very promising. Taking the mine on the whole, there is a decided improvement; the ore reserves have rather increased than diminished. The furnaces are running well, and smelting the average quantity of ore.

Buby and Dunderberg, 64 to 64: one furnace in two weeks has

quantity of ore. Ruby and Dunderberg, $6\frac{1}{4}$ to $6\frac{1}{2}$; one furnace in two weeks has yielded \$23,000. Two samples from the Bullwhacker Mine assayed of lead with 17 ozs. of silver to the ton, and 33 per cently of lead with 17 ozs. of silver to the ton, and 33 per cently of lead with 17 ozs. of silver to the ton respectively. In El Dorado a good strike of ore is reported, one specimen yielding 15 ozs. of gold and 49 ozs. of silver to the ton. The property is more fully referred to is a nother column. to in another column.

Missouri, 10½ to 11; advices received this week, dated Dec. 16, state that at St. Clair shaft the 315 north has been driven 15 ft.; state that at St. Clair shaft the 315 north has been driven 15 ft.; the ground at present is worth for ore \(\frac{3}{4} \) ton per fathom. Five fathoms of ground have been stoped in the 315 south, yielding 1 ton of ore per fathom. A stope has been started north from the winze, and is producing 2½ tons per fathom of block mineral. In the 315 north (front stope) 2½ fathoms have been stoped, yielding ½ ton per fathom. In the 245 north 11 fathoms of ground have been stoped, producing 2 tons per fathom, 4½ fathoms of ground broken in front stope, and 6½ fathoms broken in the back stope. Old engine-shaft is completed to a depth of 260 ft., and unwatered to a depth of 275 ft. From this point a short level driven only 8 ft. has been met with; the lode in the end of the level shows 9 in. in width. We shall commence with the new dressing machinery on the 20th fast.

In Lead Mine Shares there has been more business doing than for some weeks past, but no material rise in the quotations has taken place. The prospects of the lead trade are considered good, and hence there is increasing confidence in the shares of mines producing that metal.

that metal.

Tankerville Great Consols, to to prem; as will be seen by the manager's report in another column, the mines are looking well, and good progress is being made throughout.

good progress is being made throughout.

Van, 15 to 16; the usual monthly report will be found in another column. The mine looks very well in the bottom levels. The sale on Thursday, 200 tons of lead and 100 tons blende, realised 2250l.

Gwern-y-Mynydd, 2½ to 3; the workings at Deborah have been delayed during the week by heavy rains, but the ground maintains the same favourable indications as before reported. North and Treasure shaft will be resumed directly the main flues are in order.

The movements in the General Markets are thus reported upon by

a reliable member of the Stock Exchange:

Adverse influences have checked the advance in General Markets during the past few days, and prices early in the past week were rather inclined to fall. To-day, however, the spirited action of the

French Government in the rather dangerous Greek Question, and the news that the Turks show signs of yielding, together with a favourable interpretation of the Queen's Speech, and the brighter weather, have induced a much better tone, and the feeling as we write is that we are on the eve of a general rise in prices.

The money market is less stringent, the New York Exchange is above danger point, and, although a slight hardening is to be ex-

pected as a natural result of the slow, but sure, improvement in trade, at present there are no signs of much dearer money. Consols are well maintained at 98% to 99 for the February account, and 98% to 98% for

money.

Foreign stocks have fluctuated a little. The great feature in this department, however, has been the sharp advance in the loans of Mexico. This is due, we hear, to large purchases on the part of New York houses, and a statement that these bonds are to be quoted on the New York Stock Exchange. Egyptian stocks remain very firm, and meet with considerable investment buying from the English public. Argentine issues at present are featureless, but the news from this country continues of a highly encouraging description, and the Hard Dollar Bonds at 73 are just now much sought after by investors, as they are relatively far below their proper value.

have been much bought by operators here upon the wonderful increase in the traffic returns, which, should they continue, will soon be sufficient to pay 5 per cent. once more on the ordinary shares, which are quoted at 9 for the 20.4 share, a price at least 52 below their intrinsic value. East Argentine shares, which carry about 54. 10s, per share of arrears of interest, guaranteed by the Argentine Government, are well supported, and the buyers, who are reported to be exceptionally well informed, express their confidence in ultimately being paid their dues in full. Varna shares and obligations have nearly doubled in value within the past two months, and it is rumoured that the obligations are to be paid off altogether, and that the shares only will remain. Whatever the scheme may be the buying may be described as of a frantic nature, and would appear well founded.

be the buying may be described as of a frantic nature, and would appear well founded.

Native Guano shares have again risen. The parties interested proclaim that it is only a question of time for the system of this company to be generally accepted as the best; price 6½ to 6½.

Grand Trunk securities are stated to be gradually passing into the hands of investors, and keep very firm. St. John and Maine 100L shares are quoted at 50 to 51. Should the Grand Trunk Company buy this company the price would be nearer par, and we are told that this end is really not far off, and is most desirable in the interest of both companies.

English railways, with one or two exceptions, exhibit remarkable strength. The dealers profess great anxiety still at what they say is a weak "bull "account, and point to the rates of continuation they exacted at the end of the last carrying-over day as a proof of the rotten state of the market. This line of argument, however, is altogether fallacious, as the bulk of the account was continued at the lower rates current in the early part of the contango-day, and it is well known that parties who leave their continuation business until late in the day do so at their own peril, and are quite at the mercy of the dealers. Of course it is not to be denied that rates were stiffer, but that these rates were altogether exceptional can not be gainsaid. Sheffield, A, stock has been sold by some of the tired holders under the influence of a bad traffic return, and Brighton, A's, are lower upon the persistent circulation of pessimist rumours and heavy sales.

At Redruth Ticketing, on Thursday, 1114 tons of ore of 61 average At Redruth Ticketing, on Thursday, 1114 tons of ore of 6½ average produce, and containing 69 tons 18 cwts. of fine copper, were sold for 3812/. 18s., being 3/. 8s. 6d. per ton of ore; 10s. 11d. per unit, or 54/. 11s. per ton of fine copper in the ore, and an average standard of 98/. 7s. Subjoined are the particulars of the two last sales:—

Date. Tons. Standard. Produce. Per ton. Per unit. Ore copper. Dec 23. 2302 ... £ 96 16 0 ... 6½ ... £3 4 6 ... 10s. 5½d. ... £22 6 0 Jan. 6. 1113 ... 98 7 0 ... 6½ ... 3 8 6 ... 10 11 ... 54 11 0 Compared with the last sale the advance has been in the standard 2/.5c. and in the wrice per ton of ore about 4s led

31. 5s., and in the price per ton of ore about 4s. 1d.

At Swansea Ticketing, on Tuesday, 1783 tons of ore of 7\frac{3}{6} average produce, and containing 136 tons 8 cwts. of fine copper, were sold for 7973\(ldot\). 10s., being 4\(ldot\). 9s. 5d. per ton of ore, 11s. 8\frac{3}{6}d. per unit, or 58\(ldot\). 9s. per ton of fine copper in the ore, and an average standard of 8\(ldot\). 10s. 4. for 9 per cent. produce. Subjoined are the particulars of the two last sales: of the two last sales:

Or the two last sales:—

Date, Tons. Standard. Produce. Per ton. Per unit. Ore copper Dec. 7....... 1536 ... £82 13 0 ... 8½ ... £4 17 4 ... 11s. 5d. ... £87 0 3 Jan. 4...... 1783 ... 84 16 9 ... 7½ ... 4 9 5 ... 11 8½ ... 58 9 0 Compared with the last sale, the advance has been in the standard 2*L.* 13s. 9d., and in the price per ton of ore about 4s. 1d. There will be no sale on Jan. 18.

be no sale on Jan. 18.

GAS SHARES.—The principal business in these shares, according to this evening's report of Mr. W. L. Werb, of the Stock Exchange and Finchane, has been in Bombay, 5½; British, 33¼ to 33½; Commercial, 186 to 185½; ditto new, 144½; ditto 4½ debentures, 107; Continental Union, 20; European, 193¼ to 19½; ditto new, 13; Gaslight, A. 176 to 181; ditto, C. preference, 212 to 213; ditto, H., 7 per cent., 134¾ to 135½; ditto, 213; ditto, D. preference, 212 to 213; ditto, H., 7 per cent., 134¾ to 135½; ditto, 4 per cent. debentures, 101½; Imperial Continental, 186½ to 187; Malta and Mediterranean, 2½; Monte Video, 17; Oriental, 7; Rio de Janeiro, 24½ to 25; South Metropolitan, A, 204; ditto, B, 179. Gas stocks good. For closing prices see list on last page of Journal.

INSURANCE SHARES have, according to this evening's report of Mr. W. L. Webb, of the Stock Exchange and Finch-lane, been dealt in as follows:—Aliiance, British and Foreign, 38; ditto Marine, 28¾; Commercial Union, 25¾ to 25½; Home and Colonial, 1¼ to 2; Fire, 3½; Indemnity, 108; Lion Fire, 2½; ditto Life, 2; London, 65 to 65½; Rock, 8¾ to 8½; North 53½; North 193½; Lion Fire, 29½; ditto Life, 2; London, 65 to 65½; Rock, 8¾ to 8½; North 53½; Rocks, 8½ to 8½; North 53½; North 193½; Sur Life, 8½; Universal Marine, 39¾ to 402. Insurance shares firm. For closing prices see list on last page of Journal.

TRAMWAYS.—The closing prices of this evening, as quoted by Mr. W. Abbott, of Tokenhouse-yard, are given in tabular form in the last page of the Journal.

The Frontino and Bolivia Gold Mining Company have declared a

The Frontino and Bolivia Gold Mining Company have declared a d of 2s. per share. prospectus of the Needlerock Estate and Gold Mining Com-

The prospectus of the Needlerock Estate and Gold Mining Company is issued. The capital is 125,000%, in It. shares.

The Callao "Bis" Gold Mining Company (Limited) announce that the following telegram from Mr. George Attwood, the companys consulfing engineer, has been received;—"Trinidad: I leave by the cargo boat Avon, and expect to arrive at Havre on Jan. 20. Vein good. Quarantine here."

UNUSUALLY GOOD INVESTMENT.

[Communicated by Mr. MURCHISON, of Austinfriars.]

In the parish of Gwinear, Cornwall, there is a valuable little Tin Mine, named
PARBOLA,
which differs from most of the other mines in the county, the tin being found not in a lode, but in an elvan course. This elvan course is 70 ft. wide, and the tin is in branches, which extend across it from side to side, these branches varying in thickness from 8 in. to the finest threads, and are almost pure black tin. By extending levels east and west they are invariably met with in groups at intervals, sometimes of only a few feet, and at others of several fathoms. Throughout the length of the sett there are a great many of these groups of tin branches; but the most important of all hitherto worked are those which traverse the elvan course on each side of the cross-course, situate in the centre of the sett, and a little to the west of the engine-shaft. This cluster of tin branches are thousands in number, and are generally rich in quality. It is believed that this elvan has supplied tin in large and small quantities at periods over hundreds of years, and yet the greatest depth wrought does not exceed 35 fathoms.

In a month or two it is expected that, with the present price of tin,

In a month or two it is expected that, with the present price of tin, In a month or two it is expected that, with the present price of tin, the returns will more than pay cost; but with an advance in the price of the metal (which is generally expected to rise considerably during! the present year), and should a new discovery be made, substantial profits would be at once realised. The shaft will be sunk deeper and the levels will be extended, and so exceedingly and unusually cheap can the mine be worked that it will take only about three months to reach another level (10 fms. deeper), and the driving can be done at 10s. to 60s, per fathom. As one of the most experienced mine accent in Compacilitations, this is nead of the cheapers. experienced mine agents in Cornwall states, "it is one of the most mines to work that I have ever known." There is little water, the ground does not require much timber, and the natural state of the it is so free from impurities that it requires no calcining, therefore it is easily and quickly prepared for market.

There are on the mine a 40 in. pumping-engine and boiler, 30 fms.

of 12 in. pitwork, five horse-whims, a dry, tram wagons and roads, horizontal stamping-engine, 16 heads of stamps, and dressing-floors complete, with the usual and necessary outfit and plant of a work-

The mine will be conducted on the Cost-book System, and is in 6000 shares, which are being issued at 1*l*. each, out of which 4000*l*. will be given for the MINE, MACHINERY, AND PLANT,

leaving 2000t. for working capital, which is considered ample to bring the mine into a good dividend state—so that any further call is unlikely. The affairs will be managed by a committee of three large shareholders, two of whom are well-known men of business resident in the locality; and the operations will be under the management of Capt. W. R. Rutter, of the famous West Seton Mine.

A large number of the shares is already taken (including 1000 sales).

A large number of the shares is already taken (including 1000 subscribed for by two influential firms in Cornwall), and I am prepared to receive applications for the remainder. As the demand is likely to be considerable, and the number of shares left is limited, intending investors should apply at once, as the allotments will be made accord-

ing to rotation.

The above statements are taken principally from a report just made by Captain Rutter (copies of which, with prospectuses, I can supply), and I have no doubt that

PARBOLA will be one of the earliest and most valuable prizes of 1881, which ountry continues of a highly encouraging description, and the Hard Dollar at 73 are just now much sought after by investors, as they are relatively at believed will bring with it a great improvement in one trade and industry generally. At all events, at 1*l*. per share (6000*l*.), Great activity has prevailed in foreign railways. Lombardo-Venetian shares a property with such early prospects of great success, and so well

found with machinery and all necessary plant, must be considered exceedingly cheap, giving a margin for a large advance in price.

8, Austinfriars, London, Jan. 6.

J. H. MURCHISON.

BRAZILIAN GOLD.—This company has secured the services of Mr. F. Geach as manager-in-chief. Mr. Geach has had a life-long experience in all departments of mining in different parts of the world, and possesses every qualification indispensable to the adequate discharge of duties involving honourable trust and general administration. He left Liverpool a few days since, accompanied by a select staff of English miners and artizans. His report upon a property from which so much is expected is awaited with interest.

GREAT CONSULS.—It is understood that the prospectus of this

GREAT CONSOLS.—It is understood that the prospectus of this important undertaking will be published during the ensuing week, and judging from the interest which has been already evinced in it, and the desire to participate in the allotment of shares at par, it is considered probable that with the advancing price of tin they will soon be sought after at a premium, therefore the advantage will be to those who are first in the field.

CAPPER PASS AND SON, BRISTOL,

ARE BUYERS OF

LEAD ASHES SULPHATE OF LEAD, LEAD SLAGS, ANTIMONIAL LEAD, COPPER MATTE, TIN ASHES, &C and DROSS or ORES containing

COPPER, LEAD, AND ANTIMONY.

MR. GEORGE K. NORTH, CHARTERED ACCOUNTANT, 32, WALBROOK, LONDON, E.C.

THE COMPANY OF CORNISH THE STREAMERS (LIMITED).
THE WEST OF ENGLAND HON ORE COMPANY (LIMITED).
THE FAL VALLEY CHINA CLAY COMPANY (LIMITED).
THE ROCKS TIN MINING COMPANY (LIMITED).

THOMAS B. LAWS, STOCK AND SHARE DEALER, AND MINE ACCOUNTANT, 2, CHURCH COURT, CLEMENTS LANE, LONDON.

REED WILSON. Mr. WILSO MEALER IN STOCKS AND SHARES,
30. FINSBURY CIRCUS, E.C.
Mr. WILSON begs to direct attention to the fact that he has, at the instance unerous correspondents, opened an agency for the purchase and sale of Stand Shares.

and Shares.

Mr. Wilson has had a life-long initiation into the mysteries of British and Foreign Mines, both as a large holder of shares and manager of companies, and he thinks he is qualified by long and dear experience to give sound and honest advice as to investments in such securities.

All transactions must be for cash, or fortnightly settlement, and speculative bargains in mining shares will not be entertained without substantial cover.

Mr. Wilson subjoins a list of mines with whose intrinsic or prospective merits he is intimately acquainted.

is intimately acquainted.

East Crebor. East Van. Derwent. Leadhills. Lead Era. Morfa Du. Brazilian Gold. Colombian Hydraulic. Consolidated. Devala Moyar.

North Herodsfoot. Parys Copper Corporation, Roman Gravels, South Caradon, Wheal Basset. Wheal Grenville. Frontino and Bolivia, Richmond, Ruby. South East Wynaad, South Indian.

TO CAPITALISTS AND INVESTORS.

K ENDALL AND CO. having had over all 30 Years' Practical Experience in MINING in all its various branches, and being daily associated with the various operations of Mines in Cornwall, are enabled to speak with authority as to the position and prospects of Mines. Their advice will be found most valuable, as well as to those who have already invested, and to intending investors.

Particulars of Mining and other Shares which are certain to rise cent. per cent. in a short time on application.

Emma.
Callao Bis.
The following Shares are strongly recommended for a rise:—North Herodsfoot, Wheal Basset, La Plata, Nouveau Monde, West Caradon, Consolidated, Parys Copper, Morfa Du, and Roman Gravels, in all of which Mr. WILSON has special business.

MESSRS.

KENDALL AND CO.

PRACTICAL AND CONSULTING MINING ENGINEERS.

WEST OF ENGLAND

MINING EXCHANGE, ST. AUSTELL.

CORNWALL.

KENDALL AND CO.'S Special Circular should b read by all investors with thoughtful care. ABBOTT,

PAGE,

AND CO..

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BROKERS.

42, POULTRY, LONDON.

E.C.

THE STANDARD BANK OF LONDON

SOUND INVESTMENTS.

The Shares in this Bank, now offered, will prove a lucrative and safe investment, and will command a high premium.

Prospectus and full particulars sent post free on application. —

INVESTORS seeking Sound and Lucrative Securities should apply for our MONFHLY and WEEKLY LISTS, containing SELECTED INVESTMENTS that are paying from 5 to 10 per cent., and are as safe as Railway Debentures.

CONSOLS, RAILWAYS, FOREIGN, and othe STOCKS dealt in at CLOSE PRICES.

STOCKS AND SHARES.

FOREIGN BONDS, RAILWAYS, TRAMWAYS, GAS, INSURANCE IRON, COAL, and MISCELLANEOUS SHARES.

Prices, with reliable information, forwarded on application to—

MESSES. H. R. LEWIS AND COBARTHOLOMEW HOUSE BARTHOLOMEW LANE, LONDON, E.C.

SPECIAL INFORMATION in the SELECTION of MINING SECURITIES. The "Monthly Investment List" and the "Weekly Price List may be had on application.

MINING COMPANY (LIMITED), MENHENIOT.

We strongly advise the purchase of these £2 shares at from £½ to 3, as being of the safest, most certain of dividends, and cheapest Mining Investment of the day. The work at the mine is progressing with gigantic strides, and the company will be a dividend paying one in 1831 and shares rise to £6. The Old Tre-lawny £15 shares sold for £300.

Mr. JANES PEARCE, of Tavistock, at the laying of foundation stone of engine house, said—"This mine is an exceptional property, the company were not working in the dark. The property had been proved at each end, and they could almost get at the value by measurement; consequently it was not a speculation, it was nothing but an investment."

Mr. Michaele W. Baween, of Liskeard, stated "that there was no speculation or uncertainty about their finding ore of a first-rate quality. One ton of Wheal Trelawny ore was equal to 1½ ton of any other lead mine in Cornwall, and equal

Trelawny ore was equal to 1½ ton of any other lead mine in Cornwall, and equ to 2 tons of Welsh ore." Full particulars post free. 100 shares or part at £2½.

THE RARA FORTUNA SILVER MINE is situate in the Province of CORDOBA, in the ARGENTINE REPUBLIC.

We have seen samples of very rich ore from the lode—a true fissure vein in the porphyritic formation. The average of silver is 250 ozs to the ton, and the profit, as at present worked, is £10,000 per annum. An influential company is being formed.

OFFICES, 5, AUSTIN FRIARS.—SECRETARY: Mr. J. VINCENT BARBER. Capital \$50,000, and we advise an immediate application for shares. On issue of the prospectus a great pert of the capital has been already subscribed. The company intend working the mine with the most approved appliances, and we have no doubt but that the returns can be trebled. Messrs, Mocatta and Goldsmid have been selling the production and sale notes, and also copies of assays by Messrs. Johnson, Matthey, and Co. can be seen at the offices.

OLD MINES.—WHAT TO BUY. WHAT TO AVOID. Full and most reliable information on Gold, Silver, Copper, Tin, and Lead Mining Shares, as an investment or speculation.

H. R. LEWIS AND CO'S.

Monthly Investment List gives the fullest information on stocks and shares. Highest and lowest prices, dividends and railway traffic returns, and information useful to all investors.

BARTHOLOMEW HOUSE,

BARTHOLOMEW HOUSE, BARTHOLOMEW LANE, LONDON, E.C.

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ANGLO-AMERICAN MINING.

PICO SILVER MINING COMPANY OF COLORADO (LIMITED LIABILITY), CHICAGO, U.S., carefully managed at small expense. Profits of from 50 to 100 per cent. per annum are anticipated. The Georgie Mine, with other property belonging to the company, is situated at Rico, in a district containing rich and easily-worked silver and gold mines, at an altitude of 8000 ft. above sea-level, where the mountain sides are covered with spruce, fir, and pine trees, and where work can be carried on in winter to good advantage.

PRico is in that part of Colorado known as the "Silver San Juan"—a mining region now being opened up by the Denver and Rio Grande Railroad.

At Durango—the future city of the San Juan and central terminus of the Denver and Rio Grande Railroad, from whence branches will radiate to Silverton, Rico, and other points—extensive smelting, reduction, and refining works are now in course of construction. Durango will thus become a convenient and a competing market for ores from all surrounding mines.

The directors of the Rico Silver Mining Company offer for sale, on most favourable terms, fully-paid working capital shares of the company. Money derived from the sale of shares is employed in opening up and working mines owned by the company, also in purchasing mines from prospectors and locators at cash prices, and in developing the mines so purchased.

The acquisition in this manner of mines from first hands at cash rates, instead of from speculators at absurdly high figures, is the mode of procedure practised by private capitalists in Colorado, though not usual with mining companies, and will commend itself at once to every business man's understanding, as the only way to realise that immense percentage of profit so often made from Colorado mines by legitimate honest mining.

For prospectus and information, write to J. J. West, 245, Wabash Avenue, Chicago, U.S.

MONEY AND MINING.

T IS WELL TO LOOK BEFORE YOU LEAP, Anyone who thinks of putting money into Mining can, by writing to me, have sent, post free to his address, a CRCULAR, which will give him Valuable Information, Points of Financial Utility, and Practical Views regarding Mining Investments generally, considered from a business standpoint. ments generally, considered fro

J. J. WEST, 245, WABASH AVENUE, CHICAGO, U.S.

Extracts from J. J. WEST'S Circular on Mining Investments :-

Extracts from J. J. West's Circular on Mining Investments:—
With an occasional exception, such as the Richmond Consolidated, which pays dividends of from 40 to 50 per cent. per annum, English capital invested in America has not paid.

Excessive expitalisation, mines stocked for millions of dollars, or hundreds of thousands of pounds, want of due oversight and proper economy in working and managerial expenses, incompetent or dishonest management have, by far, more often caused loss of money to English and American investors than a failure or lack of richness in the mines.

In Colorade a new order of things as regards mining is coming into vogue; business men are conducting mining operations on business principles, making money out of the ores extracted from the earth. Railroads are penetrating into the heart of hitherto inaccessible districts rich in mineral wealth.

Let English investors try this new order of things; let them try placing their money in the richest known mineral district in the world, a little in advance of the railroad, while property is still cheap.

The Rico Silver Mining Company offers them the opportunity of sharing in the great profits to be made, by purchasing silver and gold mines from actual prospectors and locators, and judiciously and economically developing and working the mines so purchased.

What the Mining Journal says, Dec. 4, 1860:—

ing the mines so purchased.

What the MINING JOURNAL says, Dec. 4, 1860:—

"Anglo-American Mining.—In another column will be found an interesting communication from Mr. J. J. West, of Chicago, combatting the view taken by some correspondents of the Journal that British mining is more remunerative to capitalists, and pointing out the enormous field for enterprise which is presented by the State of Colorado, and especially the San Juan, Rico, and Dolores district, the richness of which is evidenced by their building 200 miles of railway over a mountainous and difficult country for the purpose of developing it; indeed, it is acknowledged that they will open to the world a mining district unparalleled in history. There can be no doubt that this portion of the State is developing rapidly, and with the opening up of railways the extension will be enormous."

Motices to Correspondents.

TITLE-PAGE AND INDEX.-With next week's Journal the TITLE and INDEX will be published, together with some interesting statistical and other matter unavoidably crowded out.

CORRESPONDENCE.—All business letters should be addressed to "The EDITOR," and not to individuals. Private letters, except for the Proprietors, should not be sent to the office at all, as it must be distinctly understood that all letters received are, however they may be addressed, regarded as connected with the business, and opened accordingly.

REPLIES—"N. N."—Correspondents replying to letters should avoid the practice of repeating the statements to which they reply, as it unnecessarily lengthens their letters to an extent which often compels delay or rejection owing to the large demands upon our space.

large demands upon our space.

AVIS IMPORTANT—AUX ABONNES ETRANGERS DU "MINING JOURNAL."—Le prix de l'abonnement au Mining Journat pour tous les pays de la CONVENTION POSTALE INTERNATIONALE est de 35 frs. le port compris. L'abonnement est payable par anticipation, ou par mandat postale internationale ou par autre mandat sur Londres. Le montant, si l'on le veut, sera touché à domicile la fin de l'an, mais en ce cas nous tirons à vue, sans avis, et sur le dos de la note. L'abonnement continuera sauf avis contraire.

L'abonnement continuera sauf avis contraire.

Biame Dealing—'W. F." (Gloucester),—No dispute is likely to arise in the matter. The contract being signed on Nov. 30 to deliver 20 shares at end of February, the buyer will receive whatever those 20 shares have been converted intobetween the dates. If the reconstituted company bein 12,288 shares 'W. F." will receive 40 instead of 20 upon payment of the balsuce or difference. The purchaser is absolute owner of the shares from Nov. 30, and purchases them as they existed at that date. The date of delivery makes no difference.

Important to Investors—Hundarian Gold.—Some time since I applied for shares in the Hungarian State Gold Mining Company, and enclosed application and allotment moneys. On Nov. 81 received a post-card asking for a return of receipts when stamps would be remitted. I have written twice since returning same, enclosing a stamped and directed envelope, and asking for cash, but have had no reply. Can any correspondent give me any information as that I should do for obtaining same F—Speculaton.

East Wheal Ellen—Bankers and Shark Applications.—"J. C." (Widnes).—

what I should do for obtaining same P—SPECULATOR.

EAST WHEAL ELLEN—BANKERS AND SHABE APPLICATIONS.—"J. C." (Widnes).—

There can be no question that the promoters of companies should obtain the authorisation of the bankers before advertising that the said bankers will receive applications for shares. Mr. Charles Tweedy, manager of the Cornish Dank, writes that the letter of "J. C.," "addressed to our Truro branch, has been forwarded here, as Mr. Chas. Bawden has a small account with us. In reply we would say that we were not aware of any such advertisement having appeared, that we have had no account opened with us in the name of East Wheal Ellen Mine (Limited), and that we bold no money for the use of any such company." The readlest method of stopping all further discussion would be for the promoters to return all deposits in full, and without delay.

NORTH BUILTEN MINING INSTITUTE.—Can any correspondent oblige me with the

able at the the nearest chemist's.

COST BOOK AND LIMITED LIMILITY,—"H. C." (Glasgow).—Promotion money is taken in cost-book concerns to the same extent as in limited liability companies, although by a different process. In limited liability companies the amount taken is stated in the prospectus. In cost-book concerns the promoters take the whole of the shares, call them, for example, 5s. paid (which represents 250!. working capital for each 1000 shares in the company) and fix the price of the shares at, perhaps, 1f. 5s. per share, which gives the promoters 1000!. purchase money for each 250!. working capital subscribed. The figures, of course, vary.

New Perrose.—As there is little heard of this mine, would you allow me to ask, through the Journal, if any readers would give information as to the steps, if any, the directors are taking for the speedy production of its mineral wealth? Such information would be fully appreciated I believe by the body of shareholders.—A SHARSHOLDER. holders. - A SHAREHOLDER.

grow upon a mineral belt is quite as sensible as to condemn the mining industry because a nugget of gold is not glistening upon the rose-bush.

TANNING—" W. J. A. D." (Glasgow).—The details of the invention are not yet obtainable, the patent only having been applied for in October. The matter is further mentioned elsewhere.

obtainable, the patent only having been applied for in October. The matter is further mentioned elsewhere.

Fream or Transways—"C. J. B." (Brighton).—Steam traction on tramways has been used in this country although it is not in use in London. They have, moreover, just adopted it at Wolverhampton. The engine is made by Hughes, of Loughborough. All the works, with the exception of the necessary levers, gauges, &c., are entirely covered in, and neither is any fire seen from the outside, the only indication of steam being a filmy issue from the mouth of a very narrow funnel protruding through the top of the ear in the centre. The driver is sheltered from the weather, but he has a first-class out-look, and the eugline is so constructed that instead of a turn-table being required to reverse it for a return journey, the driver has simply to change ends, a duplicate working apparatus being provided which does away with the necessity of a turntable. Of course, a change of position with respect to a car can easily be effected by a shunting operation over points.

PIG LEAD—"Galena."—The price of W.B. lead is invariably quoted at 10s. to 20s. above that for common English plg. Some years ago the W.B. lead was the favourite brand in the China market, and realised considerably better prices than other brands, but owing to the reduced value of lead the sellers of this particular brand are now reluctant to effect sales, and quotations are consequently quite nominal. The demand for W.B. lead for shipment to China has of late almost subsided on account of the owners of this brand having reduced the size of their pigs from 1½ to 1 cwt., the latter not suiting the Ohinese market, although they are now again willing to make 1½ cwt. pigs.

**Received,—"G M." (Richmond): Replied to by post—"J. B." (New York): The matter has been duly noted—"J. J. W." (Chicago): Would you oblige by stating in what cases, since the Revised Code has been in force, decisions have been given permitting the owners of a patented claim to work into their ne

THE MINING JOURNAL.

Railway and Commercial Gazette.

LONDON, JANUARY 8, 1881.

COLLIERY EXPLOSIONS.

It is a healthy sign for the future safety of our working miners to see our mining engineers bestirring themselves more than they have hitherto done to devise means for the prevention of explosions in collieries, by which, during last year, 473 lives were lost in England and Wales. The explosions which have taken place on a large scale may be assumed to have resulted from defective or inadequate ventilation. Although this may not always have been the case, for experience, has shown that as mining operations are carried on at conperience has shown that as mining operations are carried on at considerable distances from the outcrops of the coal measures, and at greater depths from the surface, all the difficulties and dangers constructed the coal measures. siderable distances from the outcrops of the coal measures, and at greater depths from the surface, all the difficulties and dangers connected with explosive gas become intensely increased. Then there are sudden outbursts of gas by which a mine may be suddenly inundated, paralysing for a time all the power of the most active ventilation, so making the working places dangerous to an extent that cannot be exaggerated. To prevent explosions from such causes various expedients have been of late brought under the notice of the public, and in nearly every instance by those who have no practical knowledge of the working of mines, so that it has been found impossible to carry out their well-intended views. In the Supplement to last week's Journal there was a letter of a practical character from our esteemed correspondent, Mr. W. T. MULVANY, who has had great experience as a mining engineer. We certainly agree with him that the greater number of colliery explosions are really preventible. That dividing a colliery into separate districts with separate ventilation is certainly a safe system, and has long been advocated by Mr. DICKINSON, the chief Government Inspector of Mines in this country. This could be effected without much difficulty in new mines, but it would be different as regards those that have been long and extensively worked. More shafts has been the cry of the miners and their leaders for many years past, as they would of course ensure greater safety, and so also would bore-holes, for it is well understood that the ventilation of a mine becomes easier as the apertures to the open air are more numerous, for when they are near to each other and the roads, &c., have sufficiently large areas, the resistance becomes small, and the ventilation natural and sufficient. Not so very long since, however, many mines had but one shaft, for it was only in 1862 than the ventilation of a mine becomes easier as the apertures to the open air are more numerous, for when they are near to each other and the roads, &c., have sufficiently large areas, the resistance becomes small, and the ventilation natural and sufficient. Not so very long since, however, many mines had but one shaft, for it was only in 1862 that the Duplicate Shafts Act was passed, and which has turned out most beneficial. In the three years preceding the passing of that Act there were 3178 deaths from colliery accidents throughout the kingdom, the quantity of coal raised having been 264,358,164 tons, whereas during the three succeeding years after the Act was passed there is were 286,853,443 tons of coal raised, and if the number of deaths had increased at the same rate as the coal had in quantity the number would have been 33484, whereas the number of persons killed was only 2758, being 6004 fewer deaths in the second than during the first of the two triennial periods. Here we have a reduction of the fatalities in collieries in three years equal to 2002 per cent. when considered in relation to the quantity of coal raised, or at the rate of 667 per cent. per year. These figures show that the Duplicate Shafts Act has worked well, and of course is strongly in favour of the proposal for more shafts or a number of large bore-holes, which with modern appliances there would be no great difficulty in accomplishing. But, as Mr. MULVANY has anticipated, the position of the mine owner and the cost of constructing a system of independent shafts or bore-holes must be taken into consideration.

The During the last year or two colliery owners in many instances that they are not in a position to spend considerable sums of money for making alterations or improvements, even when calculated to give greater security against injury to life and property. That appears to be the chief difficulty to be taken into consideration. It is true that merchants and dealers in coal are those who make the profits, and this they will continue to

North British Minio Isstitute, address of the secretary or any officer of the North British Mining Institute, or the locale of the Institution?—W. B.

Constock Mirks—"B. J." (Paris).—The mere fact of a mine being on the Comstock Idea or in the Comstock district cannot be taken as any guide as to its value. There are as many good and profitable mines in other districts, and as many worthless mines in the Comstock district as elsewhere. The Condence, California, and Virginia Consolidated are said to be only mines on the Comstock of the mines in 20 years have yielded 65,000,000l. worth of bullion; raised to surface 1,750,000,000 tons of water cock; but the winder in many of the most popular mining districts do not pay until properly developed, and in many, very many, well advertised mining enterprises dividends are not forthcoming.

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Antidotype of the most popular mining districts do not pay until properly developed, and in many, very many, well advertised mining enterprise divide 700 to 800 yards in depth; but something might be done with respect to those that will be sunk in the future; and here we would be again met with the objection that the cost of sinking would be such that the new mines could not compete with the old ones. The views of Mr. MULVANY to which we have called attention are, undoubtedly, eminently practical, and well calculated to carry out the object he desires—the rendering of explosions under ordinary circumstances all but impossible—and we should prefer seeing our mining engineers placed in a position to effect that object instead of the subject being taken up by the Government. It should, however, be recollected placed in a position to effect that object instead of the subject being taken up by the Government. It should, however, be recollected that a Royal Commission was appointed nearly two years ago for the MINING AS A BUSINESS—" Disappointed" (Chelmsford).—When pursued with energy and judgement there is, perhaps, no business more profitable than mining; but whilst the surgeon would laugh at a miner for attempting to amputate a limb or reduce a dislocation without previous instruction, that a Royal Commission was appointed nearly two years ago for the purpose of enquiring and reporting whether, and how far, the fluctuations of atmospheric pressure affected fire-damp, to the adoption and efficient application of trustworthy indicators of the presence of explosive gas, and also to improved methods of ventilation and illusions, as in all enterprises, capital is required; and while there may be localities where the mining industry has not yielded a profit, the cause should be looked for before condemning the business. Wheat and corn do not yield a profitable crop in the Lake Superior copper regions, and an investment in copper stock would certainly be preferable. To condemn farming because corn will not

collieries. It will, therefore, be well to wait for the report of the Commission, which it is to be hoped will be made known as speedily as possible, before any marked change is effected in the working of minerals, or as regards the ventilation of our mines. There are means which should, however, be adopted at the present time, such as mechanical ventilation, really safe lamps, the abolution of shot-firing in mines giving off gas, the carrying out of the first general rule, which requires that an adequate amount of ventilation shall be produced in every mine sufficient to dilute and render harmless the noxious gases, and the strictest supervision. If such is done explosions will be all but unknown. plosions will be all but unknown.

IRON IN THE UNITED STATES.

It would appear that the United States still look mainly to Great It would appear that the United States still look mainly to Great Britain when they require foreign supplies of any staple article. Thus, while the American Iron and Steel Association state that 700,000 tons of pig-iron were imported into the United States in 1880, the exports of pig-iron from Great Britain to the Americans in the first 11 months of last year alone amounted to 593,448 tons. Affinity of language and descent probably still exerts a great influence; but allowance ought also to be made for the decided advantage which Great Britain possesses over France, Belgrum, or Germany in respect of her unrivalled mercantile marine. The experience obtained with regard to pig applies also to a great extent to rails. Thus, of the rails imported by the Americans last year by far the larger part came from Great Britain. The authority which we have already cited estimates that 275,000 tons of rails were imported into the United States in 1880, Imported by the Americans last year by far the larger part came from Great Britain. The authority which we have already cited estimates that 275,000 tons of rails were imported into the United States in 1880, and the exports of rails made to the Americans in the first 11 months of last year footed up to 207,094 tons, so that only about 50,000 tons of rails were probably purchased by American railroad companies last year in Belgium, France, and Germany. The increase in the production of rails in the United States last year—that is, the increase in the American rail manufacture for the year—was 206,000 tons. So great was the consumption of rails among the Americans in 1880 that even iron rails were made to a large extent, the increase in the production having been 42,000 tons. At the rate at which the American rail manufacture is moving on, it bids fair to soon make good the tonnage of rails which has still to be imported from Great Britain and Europe. Thus assuming that the consumption of rails remained stationary in the United States in 1881, the imports of rails in the same year would decline to 69,000 tons if the home production moved on at the same rate of increase as in 1880, while in 1882 the Americans would become entirely independent of foreign rails. It is to this complexion probably that they will come at last, and the statistics which we have just cited certainly enforce one conclusion very strongly—that our ironmasters must be content with moderate prices in 1881 if they are to secure rail orders of any importance from across the Atlantic.

It appears probable, however, that if times go well with the

prices in 1881 it hey are to scorre rail orders or any importance from across the Atlantic.

It appears probable, however, that if times go well with the Americans the consumption of railway matériel in the United States will experience a still further increase this year. We think events have justified the conclusion which we have ventured to express with regard to American affairs during the last 12 months. We have from time to time expressed our opinion that the activity noticed in American railroads and in American business affairs generally was American railroads and in American business affairs generally was of a more legitimate character than at any previous period, perhaps, in American history. It is a notorious fact that American enterprise has always a tendency to degenerate into reckless speculation, and it is this tendency which has wrought such enormous mischief in times past in the American commercial world. We do not altogether assert that exaggerated speculation has become unknown in the United States, but we do say that American wealth and population are now so great as to place the American Republic upon a more stable basis than it has ever before occupied. It must be remembered that the Americans now compose a nation of 51,000,000 souls, spread over more than 40 States possessing natural resources of the highest over more than 40 States possessing natural resources of the highest class. Such a nation as this must obviously become a more important and wealthy one from day to day, and accordingly one which is less exposed to rapid commercial changes and violent financial panies. We confess that, notwithstanding the growth of American rail production, we still think that our ironmasters have a fair chance of making some good deliveries of rails to our American cousins in 1881.

PROPOSED MINING LEGISLATION.

It is now understood that an active agitation will shortly be com-It is now understood that an active agitation will shortly be commenced for a change in the Mines Regulation Act of 1872, as well as for some important additions to it. In the general rules it has been found that no provision has been made for inspecting a mine where the men work three shifts. It is provided that in every mine in which inflammable gas has been found within the preceding 12 months then once in every 24 hours if one shift of workmen is employed, and once in every 12 hours if two shifts are employed, a competent person or persons shall examine the working places before the men commence work, Now, where three shifts are worked onewould think there was greater necessity for careful examination than when men commence work, Now, where three shifts are worked one would think there was greater necessity for careful examination than when only two were worked. It must be presumed, one would think, that the Legislature had no idea that in some mines men were always at work, as was the case at the Pen-y-Graig Colliery. Where such is the case a mine has no time to cool, the air becoming heated, whilst the result of the breathing of the men and the combustion of light was made at the expense of the oxygen, giving an excess of nitrogen, which if it does not influence the animal economy, renders the air unfit for the maintenance of lamps and life. One of our inspectors laid it down some time since that the number of visits that should be made to the working places of a mine giving off gas should at unit for the maintenance of lamps and life. One of our inspectors laid it down some time since that the number of visits that should be made to the working places of a mine giving off gas should at least be four daily—one before the men enter the places to see that the air was good, the roof safe, with a sufficient quantity of timber; two during the time the men were at work; and once about the time when the men were leaving off. Increased inspection and examination might, therefore, do a considerable amount of good. It has also been felt on the part of the men that the penalties for wilful negligence, where there is imprisonment, is unfair, and efforts will be made to have a change. The appointment of persons to act as deputies or fire-triers appears to have been unsatisfactory to the miners and those who represent them. They are chosen from amongst the workmen and are not always the ablest, although their duties are most onerous, seeing that the safety of all the persons in a mine frequently depends on them. They have to go round the working places before work is commenced and examine them with a safety lamp to see that they are free from gas, and report as to the state of the ventilation. It is now proposed that persons before being appointed to such a position should undergo an examination as to their knowledge of gases, and be entitled to a certificate. This, no doubt, would give a superior class of officials, although we are not aware that the present class of deputies, taken altogether, are in any way deficient in their knowledge of what is required of them. It does not appear necessary that a man who is appointed to detect gas need be acquainted with the laws of the movement of aeriform fluids, or with the laws of MARRIOTTE and GAY-LUSSAC, which determine the weight of gas under a given pressure and temperature. the laws of MARRIOTTE and GAY-LUSSAC, which determine the

the laws of MARRIOTTE and GAY-LUSSAO, which determine the weight of gas under a given pressure and temperature. The adoption of mechanical ventilation, it may also be said, has led to the working places being more fully swept free of gas, so that the duties of fire-triers has not become more exacting than they were. But employing those who were trained to the position, and had to undergo a certain amount of education, would only increase the cost of working our mines, and take from the certificated managers a good deal of responsibility which they only should bear, and from which under no circumstances should they be relieved. The appointment of check-weighman by the men has not worked quite so satisfactory as could be desired, and some change is to be asked for. At present as could be desired, and some change is to be asked for. At present the check-weigher of the men has to be one of the persons who had been previously employed either at the mine at which he is to be stationed, or another miner belonging to the same owner. There certainly does not appear any reason why the person the men appoint and pay for certain duties should have been employed by the owner. The question of the appointment of more inspectors and sub-inspectors will be brought forward, as many of the workmen consider that mines should be frequently inspected without notice by the Govern ment officials, and consider that by so doing more irregularities might

be detected which now go unnoticed. The matter has been discussed on many occasions, and brought under the notice of Government. At present the Home Secretary has the power of appointing inspectors, and paying them such salaries as may be approved of by the Treasury. It has been objected, and with great force, that the aptors, and paying the arrows and paying the appointment of additional inspectors for the purpose of visiting and inspecting mines, and giving advice as to the best means of ventilating and working, would place upon their shoulders a responsibility ing and working, would place upon their shoulders a responsibility which should only rest on the manager, whose duty it is to be at the mine daily, give orders, and see that everything is done to ensure the safety of the workmen and of the mine. On the part of Government, should there be any legislation during the present session with regard to mines or mining, the question of blasting will, no doubt, receive attention with a view to alteration. Seeing that the Act of 1872 greatly increased the liabilities, penalties, and obligations of mineowners, besides increasing the cost of raising minerals, it is to be hoped that there will be no legislation such as will harass an interest that has more than any other been handicapped by Acts of Parliament. Owners of mines should now pay vigilant attention to what is going forward, for the legislation proposed on the part of the men might be fraught with the most serious consequences to them, so that they should be prepared to act together for their dethem, so that they should be prepared to act together for their defence and pro tection.

DEATHS FROM COLLIERY EXPLOSIONS IN 1880.

At the present time when so much interest is shown in the prevention of all that relates to explosive gases in mines, owing to the recent fatal occurrences at Seaham and Pen-y-Craig, public attention recent fatal occurrences at Seaham and Pen-y-Craig, public attention to the explosions which took place in 1880, and the number of persons killed by them, may be considered opportune. The number of persons killed during the year by explosions of fire-damp contrasts most unfavourbly with 1879. The South Wales districts again take the lead in fatal explosions, and it has been suggested that there must be something peculiar in working the seams there, seeing that serious fatalities are so frequent. This is forcibly shown by the fact that considerably less minerals are raised per life lost than in any other district in the kingdom. From the returns for 1879 it appears that in South Durham during that year 309,434 tons of minerals were raised for every life lost. In Yorkshire, where the mines are amongst the most fiery there are, 145,866 tons were raised per life lost. In some districts, where blasting has been discontinued, the results have been most satisfactory. In South Yorkshire, the most fiery mining district in the kingdom, and in which 189 persons were killed at Lund Hill in 1857 and 360 at the Oaks Colliery in 1866, there has been a marked freedom from explosions of late years, fiery mining district in the kingdom, and in which 189 persons were killed at Lund Hill in 1857 and 360 at the Oaks Colliery in 1866, there has been a marked freedom from explosions of late years, owing to blasting being done away with at most of the mines, the use of the best safety-lamps, constant attention to the ventilation, and introduction of faus, with strict supervision. The generation of gas, in the Barnsley district in particular, the gas exudes violently from the floor and roof, the pressure in some instances having been found as much as 100 lbs. to the square inch. Notwithstanding the immense volume of gas pent up, and the liability to sudden outbursts, last year there was no explosion whatever in the Barnsley district. The Mines Regulation Act, where strictly enforced, appears to have been beneficial in preventing accidents. The Act came into operation in 1873, and during the six years preceding its coming into operation the deaths from explosions were 18-18 for every 6,000,000 tons of coal raised, whilst for the following six years the deaths from the same cause were only 12-97 for every 6,000,000 tons of coal raised. Derbyshire and Notts last year had no explosions whatever, although the beds are the same as those in South Yorkshire but rather less fiery. Mr. Evans, the Inspector of Mines for the counties named, attributes this in part to legislative enactments and in part to the higher standard in the class of managers, the better machinery, and the better discipline maintained in the nines. The number of persons killed by explosions in 1879 was 158, whilst last year it was 472.

In the case of the Lycett explosion it appeared that there was a

188, whilst last year it was 472.

In the case of the Lycett explosion it appeared that there was a manager just in office before it took place who had been summoned for not providing sufficient ventilation. The Government Inspector, for not providing sufficient ventilation. The Government Inspector, Mr. Wynne, was of opinion that the gas had been ignited by the firing of an over-powdered shot. At the Belle Isle pit a flaming lamp was carried by one man, and the gas came from the floor. Naked lights were used, as the mine was considered a safe one. Gunpowder was again the cause of another explosion, that at Kiveton Park, where some of the colliers were boring a hole in a bank for the insertion of a charge of powder so as to bring down a fall of coal Park, where some of the colliers were boring a hole in a bank for the insertion of a charge of powder, so as to bring down a fall of coal. The shot was fired, which brought down a quantity of coal and gas as well, which exploded. At the Carroch Colliery, where three men were killed, it appeared that one of the men struck through some old workings from which gas escaped, causing an explosion. The Risca Colliery has been a most unfortunate one, and the Black vein seam of coal worked in it most gaseous. At Risca explosions occurred in that seam in 1846, when 35 lives were lost; in 1853, when 10 persons were killed; in 1860, when 142 men were killed; and again in 1880, with the loss of 120 lives. When the first explosion took place naked lights were used, and in 1853 attempts were made to get the men to work with safety-lamps, but the men positively refused to work with them, alleging that they could not make a living without using a naked light to see the coal. At the Bersham Colliery, Wrexham, North Wales, the explosion was the result of a shot. The explosions at Seaham and Pen-y-Craig have not as yet been explained, so that it would be premature to more than allude to them; but from the above statements some idea can be formed as to the cause of most of at would be premature to more than allude to them; but from the above statements some idea can be formed as to the cause of most of the explosions that took place during 1880, a year which has been most disastrous as regards the loss of life in our mines. In conclusion, we may say that most of our mining engineers will agree with the recommendation of the jury who sat to enquire into the cause of the explosion at the Lycett Colliery, which was as follows:—"That blasting by powder should be discontinued altogether in force "That blasting by powder should be discontinued altogether in fiery mines while men were working therein."

HUNGARIAN COPPER COMPANY .- An advertisement in another column intimates to those who have recently made application at the company's office, that all the shares have been subscribed for and allotted. An active business on the Stock Exchange is reported to have been transacted during the week. It appears that the copper exists principally in the form of rich grey ore, with gold in association, and that the mines have attracted the close observation of some of the best authorities in Hungary. So far however, as the English of the best authorities in Hungary. So far, however, as the English shareholders are concerned (for it is said that a large proportion of the capital is held in Hungary), they will probably be satisfied with the knowledge that those associated in the enterprise are already connected with some of the most substantial and successful under-takings of recent years, and that Mr. Evans of the Mona Mines has given a special report on the properties, confirmatory alike of their present value and their high future.

MINERS' DANGERS -A few days ago a workman employed on the St. Gothard Railway, near Sisikon, had, says the Genevan correspondent of the Times, a marvellous escape from a terrible, and, as it seemed, an inevitable death, or terrible bodily injuries. Together with a number of his companions he had been drilling holes in the face of a perpendicular rock, a portion of which it was desired to blast away. When the holes were filled with dynamite it fell to his lot to fire the charge. After waiting till the shouts of the others apprized him that they had reached a place of safety, and lighting the long mesh which served to explode the cartridge, he essayed to made good his own escape. In order to accomplish this -for it was now too late and would have been extremely perilous to take the way his comrades had taken—he attempted to ascend, by means of a rope placed there for the purpose, to a spot where he would have been out of danger. He seized the rope and began to mount, but it had been so wetted by a shower of rain which had fallen shortly be-fore, that although he struggled with the frantic energy of despair, he only succeeded in mounting a few feet. His comrades saw, could give him no help. The mesh was growing shorter every moment, and the explosion was now an affair of only a few seconds. It came, the earth shook, the great rock trembled to its base, huge

stones flew through the air, and for several moments everything was hidden in a cloud of dust. When it cleared away, and the navvies issued from their hiding place to look for the remains of their comrade they found him quietly slipping down the rope. Not a hair of his head hour interest. his head had been injured.

MINING IN COLORADO-COAL FOR THE LEADVILLE DISTRICT.

So many British capitalists are interested in the mines of the Leadville district, and an abundant supply of good and cheap fuel is of such paramount importance for profitable mining, that it is particularly gratifying to learn that there are facilities opening out for an abundant supply from the adjoining Wyoming Territory. The organisation of the Philadelphia Company, which has located 2500 acres of coal land, and the California Company about as much more. These lands are on Hay creek, in Crook county, Wyoming, about 35 miles from Deadwood in a north-westerly direction. At this point the first croppings of coal are met with, and it is thought by such men as croppings of coal are met with, and it is thought by such men as Thomas Green, who has devoted years of his life in operating coal-banks, that the formation extends indefinitely almost in a northbanks, that the formation extends indefinitely almost in a north-westerly course, and that the supply is as inexhaustible as that in the State of Pensylvania. The first-named company has done a large amount of work in prospecting and developing, and has arrived at that point where it has become satisfied that it has an abundance of coal for any demand that may be made.

There are two veins that have been discovered. The first or upper

There are two veins that have been discovered. The first or upper one from 3 to 4 ft. in thickness, and the lower one full 6 ft. in all places. In the lower vein a drift has been run in 300 ft., and the last 230 ft. is all in solid coal. The coal, a specimen of which can be seen at Gaston and O'Brien's, is splendid, the upper and lower portions of the strata being alike, and as good as the very best portions of Iowa and Illinois coal. The superintendent, Mr. Green, says that he can, with the present development, take out 50 cartloads of coal in a day, at a cost of from 4 to 5 cents per bushel.

This coal, laid down in Deadwood by team, costs 812 per ton, and families who used it last winter think that, with the sawing and splitting of wood, it is about as cheap as wood, even at that price. What we want is a railroad, and if Eastern capitalists who have money to invest, and are glad to put it in Government 4 per cent. bonds, knew of the quality and quantity of coal we have, and the market there is

of the quality and quantity of coal we have, and the market there is for it, they would jump at the chance of building a railroad.

THE LA PLATA MINING AND SMELTING COMPANY.

The subjoined descriptions of the position of this very successful company from New York and Leadville journals just received will without doubt be interesting to the English shareholders in this company. They more than confirm all that has been said in the Mining

pany. They more than confirm all that has been said in the Mining Journal in favour of the company, and satisfactory as is the monthly dividend, paid with regularity for the last 16 months, rumour points to a still further increase in the profits and dividends at no distant date. The shares are quoted 2 to $2\frac{1}{5}$ per share.

THE LA PLATA MINES.—Among the Leadville mining properties that have made noteworthy developments during the past year, and have, says the Daily Democrat of Leadville of Dec. 9, risen from comparative prospects to paying mines, is the La Plata, located on the south side of California Gulch, adjoining the well-known Rock Mine. Early in the spring the developments showed very little ore indeed. Early in the spring the developments showed very little ore indeed, and shipments were not very frequent. Mr. M. E. Smith, the manager of the La Plata smelter, then took charge of the property, and commenced a systematic and thorough exploration of the contact

nager of the La Plata smelter, then took charge of the property, and commenced a systematic and thorough exploration of the contact vein in the territory of the La Plata and Gneison claims, and soon met with very gratifying results. When the mining editor of the Democrat visited the mine yesterday he was kindly received by Manager Smith, who took him through all the workings of the property, and afforded him every facility for inspecting the ore bodies, and making himself familiar with all the drifts, and the large amount of ore in sight.

The developments of the La Plata consist of a tunnel and three shafts. The tunnel has attained a length of over 700 ft., running south through the centre of the claim. The face is in contact matter, barren at the present time, which is 21 ft. in thickness, showing lime in the bottom, pitching to the east and south. From the tunnel there are five cross-cuts running east and west. The third and fourth cross-cuts east have winzes connecting with the ore bodies below. The fifth or Gneison cross-cut connects with the Gneison shaft, and is being driven eastward beyond this shaft, in contact matter and decomposed porphyry, between the solid rock above and the lime below. The Gneison shaft extends from the surface down some distance below this level. About 400 ft. from the mouth of the tunnel is the fourth, or main cross-cut, which has a deep winze on the east, and connects with the Rustin shaft at the western extremity, about 90 ft. from the tunnel, Here a large chamber has been cut out, and a small steam engine stationed, which hoists the ore from the levels below, when it is dumped into cars and run out through the drift and tunnel to the ore platforms.

Descending the shaft 40 ft., the second level is encountered, running south

expremity, about 90 fc. from the tunnel. Here a large chamber has been cut out, and a small steam engine stationed, which hoists the ore from the levels below, when it is dumped into cars and run out through the drift and tunnel to the ore platforms.

Descending the shaft 40 ft., the second level is encountered, running south and showing mineral the entire distance. At the further end of the drift or level a winze has been sunk, showing the ore body, consisting of fine carbonates of lead, to be 13 ft. in depth. The winze is about 60 ft. deep, passing through the ore into lime, and at the bottom connects with a lower drift, which has been driven southward, and again encounters the ore body in its south-eastern dip. Returning on the second level nearly to the Rustin shaft, and going down a few feet on the east side of the level, a magnificent body of mineral is exposed to view for quite a distance, in some places 16 ft. in height. The ore is a hard grey lead carbonate, with some sand interspersed, and a splendid smelting mineral. Descending the Rustin shaft 30 ft. more, another station is encountered, from which two levels are being run, one to intersect the winze sunk at the northern terminus of the level above, and which discloses 18 ft. of hard grey carbonates, and the other eastward. The south level has only a short distance to go when it will intersect the winze, and as soon as this is accomplished ore can be mined and hoisted much more expeditiously and economically. The east drift, or level, opens into a magnificent body of mineral, about 30 ft. east of the shaft, which has been penetrated to a depth of about 25 ft. The face, walls, and roof of the drift show fine carbonates, interspersed with bunches and streaks of sparkling galena. The drift is headed for the ore bodies developed on the east side of the tunnel. From this place branches eastward again, and make quite an incline to a level below, which connects with the bottom of the No. 4 winze.

These workings all show immense amounts of good mineral, th

THE LA PLATA SMELTING WORKS.—First of the locations in this wonderful camp was the La Plata Mine, located in 1876 or 1877 by L. F. Bradshaw, which at that time ran about 30 ozs. in silver. At that period, says the Mining Record of New York of Dec. 4, ore of that grade did not pay for shipping. The claim was and is located on the south side of California gulch, not far from Oro City, just on the south side of California guich, not far from Oro City, just below the Rock Mine, belonging to the Iron Silver Mining Company, of which I will speak later on. Messrs. Berdell and Witherell bought the claim from Mr. Bradshaw; at that time some parties had a small claim adjoining, and threatened litigation, being also in ore the claim.

Mr. Walker being foreman at the mine. Mr. Houghton, a mining man of large experience on Lake Superior, and for some time superintendent of the Moose Mine, is the consulting engineer at the mine. The hoisting works had only just been placed a day or so before I visited the mine, and wnile they were making the necessary changes no ore could be hoisted for a few days, but until they stopped they had averaged about 35 tons a day running 17 ozs. of silver, and 30 per cent. lead.

30 per cent. lead.

This may not seem a bonanza to your readers, and still it is to some extent, as the works belonging to the company use all the ore to very good advantage, especially on account of the large percentage of lead. Nine teams are busy hauling ore from this mine along to the smelter now. When Mr. Smith took hold of the mine it was hardly producing at all, so that he has great reason to be satisfied with his success. There is hardly any dump. The product is expected too be nearly a hundred tons a day before long. It is all the way down hill to the smelter, about 3 miles below on California gulch. Since the company have been organised the capacity of the smelter has been increased about 100 per cent. At that time there were only two furnaces, now there are four; two engines and three large boilers enable them to run on without ever stopping. They have three Knowles pumps, one only to be used in case of fire, and three Blake crushers.

three Knowles pumps, one only to be used in case of fire, and three Blake crushers.

At the time of organising the company there were 14 bins for the receipt of the ores covering 30 by 60 ft., now the ore shed alone covers 60 by 120 ft., making 40 bins, and four large mixture bins, each with a capacity of 450 tons. At the time when I visited the works there was a string of half a dozen teams unloading ore, and several waiting to pall in as soon as others were empty. The amount of money actually in use at present varies from 835,000 to \$500,000 caused by the heavy stock of ore on hand averaging from 2000 to 300 tons, a heavy stock of charcoal and coke, and the long time which it takes from the time the bullion is shipped to get returns. This time is sometimes as much as 10 weeks. Two under tracks have been laid by the railroad to convenient points in the ground of the works, on these grounds are bendes, the buildings of the smelting works, a number of houses for the employees, a company house, residence for the president, and large boarding-houses, besides a fine office building.

THE HUNGARIAN COPPER COMPANY.

There is no lack of capital for sound bona fide enterprises, and with the feeling that there will shortly be a reaction in the price of metals, and that money will be abundant and cheap, it is not considered to be a matter of surprize to find the shares of the Hungarian Copper Company in good demand, seeing that all solid concerns of a similar nature have so materially increased in value during the past 12 months. It is anticipated that the recovery in the price of conper will be very considerable. All through the recent period

cerns of a similar nature have so materially increased in value during the past 12 months. It is anticipated that the recovery in the price of copper will be very considerable. All through the recent period of depression shrewd buyers, with money in hand, were going about quietly picking up the shares of such copper mining concerns as the Rio Tinto and Panulcillo Companies, upon which they now see a profit of 100, 200, or even more, per cent. Eighteen months ago Panulcillo Copper shares were quoted 1l., they are now 5l. 15s.; Rio Tinto shares were quoted 4l., and are now 19l.; Cape Copper shares were at 27l., and are now at 41l. It is unnecessary to multiply examples, those cited being sufficient to prove how great are the prizes offered to discriminating investors in copper mining properties.

In view of the impending rise in copper, an impulse is naturally given to the development of copper mining business alike at home, in the colonies, and abroad. As regards this latter field, Hungary bids fair to come forward as a producer of copper. A prospectus of the Hungarian Copper Company, in 60,000 shares of 1l. each, with a working capital of 12,000l., has been issued, with a brief description of the properties owned by the company, and remarks thereon made by Sir Carl Stoll (Member of the Hungarian Parliament), and mining adviser to the Hungarian Government; and extracts from a special report made by Mr. T. F. Evans, late Her Majesty's Inspector of Metalliferous Mines, and now managing director of the Mona Copper Mines, Anglesea. This Hungarian company is said to be principally taken up by those members of the Stock Exchange who are not only identified with the introduction of the Mona, but were also the chief persons interested in the celebrated Van Mine, where the shares rose

taken up by those members of the Stock Exchange who are not only identified with the introduction of the Mona, but were also the chief persons interested in the celebrated Van Mine, where the shares rose from 4l. to 80l. in less than 12 months, and by whom the entire capital of the Hungarian Company has been subscribed.

The mines are situated near Kapolna, in the county of Heves, about 55 miles by railway from Buda-Pesth. The metalliferous deposits are situated in three hills, known as the Lahocza Gebirg, Feberko Gebirg, and the Veresvarer Gebirg; and the properties are held in perpetuity, free of royalty. The company possesses concessions for mining for brown coal, and also owns about 75 neres of freehold land, of which about 12 acres are good arable land. There are manager's and sub-manager's houses, offices, laboratory, stables, and outbuildings, engine and boiler houses, tank house for precipitating copper, storehouses, extensive buildings for dressing the ores, and well-built and sub-imager's nouses, interest, aboratory, stables, and outbuildings ings, engine and boiler houses, tank house for precipitating copper, storehouses, extensive buildings for dressing the ores, and well-built barracks for lodging the miners. All the buildings are situated close to the mines, in a pretty and fertile valley, and there is an unfailing stream of water for dressing purposes. The climate is excellent, being similar to that of North Wales. The outlay upon the mines, buildings, &c., has been about 400,000 florins, in addition to the money resulting from the sales of ore. The mines are known by the names of Guter Nachbar, Gottes Gabe, Stephanie, Alexander and Katharina-Georgi. The principal workings are at the latter (Katharina, Mittel Georgi, and Ober Georgi levels). Mr. Evans says:—I visited every accessible portion of the workings to which these levels lead, and did all in my power to obtain the data for making a reliable testimate of the value of the property for the purposes of a sound and legitimate mining adventure. While underground I took samples which I considered likely to assist me in forming an estimate of the value of the mine, and now give you their contents in copper, silver and gold, as determined by Mr. Claudet, assayer to the Bank of England.

England.

With regard to the results of the assays, Mr. Evans says:—I consider these results very satisfactory, and on combining them with the observations made in the accessible underground workings and upon the surface, the opinion is forcibly impressed on my mind that the mining setts held by the company constitute a valuable property, which would handsomely reward the application of a due amount of capital, coupled with energy and skilful management. The prospectus, which it is underscood will not be published, the capital being, as already mentioned, taken up privately, states:—It may be mentioned that during recent workings Sir Carl Stoll, who for a limited period had taken charge of the property, states the copper ore sold averaged as high as 11\textit{L} per ton, owing to the gold and silver therein contained. Mr. Evans, however, strongly recommends smelting the ore into regulus on the spot. Coal is only about 10s, per ton, and by bringing the ore into metallic form a great saving will be effected in carriage, as well as a better price obtained for the proton, and by bringing the ore into metallic form a great saving will be effected in carriage, as well as a better price obtained for the product. As regards the other mines, Mr. Evans suggests they might be sold to and worked by quite independent companies, "as the company will have probably a sufficiently large concern in the Katharina-Georgi Mines alone." Mr. Evans concludes:—I may add that this property is, in many respects, an exceedingly interesting one, and seeing that, in spite of the good results from the upper levels, nothing has been done down below the base of the hill, except to sink the small shaft, stated to be rich in ore and in a large lode, great results may be expected upon further development in depth and, as evidence of the massive character of the lode, I may mention that in one place I stepped it and found it to be in all 45 ft. n that in one place I stepped it and found it to be in all 45 ft

The association of gold with the copper ore is, of course, an element of very considerable value, seeing that it ranges from ½ oz. to nearly 1 oz. of gold per ton of ore (the latter being above the average of the well-known St. John del Rey Gold Mines), and brings up the actual market value of the ore very considerably, as will be seen by reference to Sir Carl Stoll's statement already referred to. Sir Carl Stoll, who personally knows the property, and from his position claim adjoining, and threatened litigation, being also in ore the claim was also bought by the same parties. Subequently, Messrs. Berdel and Witherell, who may be called pioneer smelters, having commoned operations three years ago at Malta, bought another location mear by called the Gnelson, and at a still later date two-thirds of the Montgomery was also bought, and is now only worked for the lime which is upon it. All this territory now belongs to the La Plata Mining and Smelting Company, in my opinion, at present the most flourishing company in Leadwille.

The developments of the above mining property consist, first, of the main La Plata tunnel, 7 by 9 ft., at present 700 ft. into the mountain. At 350 ft. a drift transects with a winze 45 ft. deep. At 430 ft. a drift was 25 ft. connects with a winze 45 ft. deep. At 430 ft. a drift runs east, and, where the steam holsting machinery has been erected. At the same point a drift east connects with No. 4 winze. At 643 ft. a drift runs east, and the Gneisen property. At the fase of the tunnel, 700 ft. from the entrance, the contact has been encountered, and the tunnel is being pushed ahead Going down No. 4 winze. At 643 ft. a drift runs east, and the Gneisen property. At the fase of the tunnel, 100 ft. from the entrance, the contact has been encountered, and the tunnel is being pushed ahead Going down No. 4 winze 65 ft. we got down to the second level. Here I found three faces in ore in one place about 15 ft. The ore from this level is also hoisted out of the Rastin shaft. There is also some work being done in the third level 46 ft. below, and at two places ore is found there. Thirty-two men are employed at this mine under the general superintendent of the company, Mr. E. Smith;

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age and haulage, but Sir Carl Stoll says "It will undoubtedly pay enormously for the necessary outlay." This part of the property would be worked to greater advantage by a separate company, in which case the shareholders in the Hungarian Copper Company (Limited) would receive a considerable sum of money from the sale thereof. It may be mentioned that a calculation has been made that no less than 50,000 cubic fathoms of copper ore have been laid open in the Lahocza Mountain alone. This quantity will be constantly increased as the workings are extended, as the producing capacity of the lodes appears to be practically inexhaustible. It should be added that Sir Carl Stoll has agreed to take the management of the mines.

SOUND INVESTMENTS.

GRAND TRUNK RAILWAY OF CANADA.—The rapid and uninterrupted development of this railway has been one of the most remarkable features of the stock and share markets in recent times, and the greatly enhanced values of the various securities at once testify to the wonderfully improved position of the line and the favour with which they are regarded by investors. Its history under the present enlightened management literally comprehends one long series of successes, and in taking a retrospective survey of what has been accomplished within the past 18 months the proprietors must see that not only have they abundant reasons for rejoicings on the position already attained but they have ample justification for looking forward with hope and confidence to the future.

The changes already carried out have been manifold and various, and it may safely be affirmed that in every instance the company has largely benefited. The best evidence of this is afforded by the fact that it has gained an accession of financial strength which has enabled it to attract and lease tributary lines on very advantageous terms, to redeem prior charges of 6 and 7 per cent. bonds by the issue of 5 per cent. debentures at a premium, and further to take up for the first time its proper position in Canada as a powerful corporation, backed by a large and wealthy body of shareholders.

All these facts, however, though highly interesting in themselves, are forgotten in the one more prominent feature which is constantly being brought to the notice of investors—the astounding growth of the traffic receipts. Week by week, without intermission, the current has been unwards. Thus, for the 26 weeks of the past half-verrent has been unwards. GRAND TRUNK RAILWAY OF CANADA .- The rapid and un-

being brought to the notice of investors—the astounding growth of the traffic receipts. Week by week, without intermission, the current has been upwards. Thus, for the 26 weeks of the past half-year just closed the gross increase has reached the immense total of 165,873*l.*, or an average of 6380*l.* per week. There can be no doubt that the net surplus will enable the directors to pay the full interest on 1st and 2nd Preferences for the whole year, and a satisfactory divided on the 3rd Preference.

on 1st and 2nd Preferences for the whole year, and a satisfactory dividend on the 3rd Preference.

While this progress has been going on the position and prospects of the railway have been assailed in many directions by speculators and others, and warning notes have been uttered of impending disappointments, if not disasters. No other railway, indeed, has been subjected to such a fusillade of attacks, and the very fact of its securities withstanding these influences affords strong evidence of their inherent soundness. For a long time past a steady process of absorption of the various stocks has been going on, and the merits of the property are becoming so manifest (except to captious critics) the property are becoming so manifest (except to captious critics) that totally new and highly influential classes are attracted to them. The area of the proprietary is thus an ever-widening one, and this fact, with the concurrent progression of the railway in prosperity, must inevitably result in all the securities attaining a solid and very high position.

It may fairly be argued that if such advances have been made during so comparatively dull a period as the past 18 months, there is practically no limit to further improvement, now that the whole continent of America is suffused with the light of returning comcontinent of America is suffused with the light of returning commercial activity. Canada must surely participate in the prosperity which is now dawning, and as a necessary consequence her principal railway—the Grand Trunk—would be enormously benefited, especially when its strong financial position and reserved resources are duly considered. The accompanying map will show the important position which this railway occupies. The outlook is, in my opinion, so favourable that I fully anticipate a further steady advance in value of all the preference issues as well as in the ordinary stock.

PHILADELPHIA AND READING RAILROAD.—Following quickly upon the recent triumphant meeting of the bond and shareholders, and, notwithstanding the frantic efforts of Mr. Gowen's enemies to defeat his plans for the settlement of the floating debt, the issue of the deferred stock, in accordance with his proposals, has

the issue of the deferred stock, in accordance with his proposals, has been made and is now an assured success, as it already commands a premium of nearly 2 per cent. This new stock, at the issue price of \$15 per \$50 share (or 3l. to 10l.), must be an exceptionally cheap investment for the future, and all the other securities are well worth buying. The net carnings have recently shown enormous increases which are likely to continue, and when the President's further scheme for paying off weightier prior charges, by the issue of 5 per cent. de-benture stock (as in the case of the Grand Trunk), is effected, there will, doubtless, be a sufficient revenue to pay 7 per cent. on both the ordinary and deferred capital.

ordinary and deferred capital.

But there is yet another great reversion which no other railway possesses, and that is the vast coal property. The least sanguine report estimates the minimum quantity of available marketable coal to be over 1,200,000,000 tons, and the royalty as worth 30 cents per ton, apart from miners' or railway carriers' profits. Thus the coal property alone would be worth \$360,000,000, while the whole capital of the company, bonds and shares, will only amount, with the new issue, to \$200,000,000. The gross earnings of the two companies in 1880, after deducting the carriage charged by the railway against the coal company, amounted to \$25,000,000, and in 1881 they will the coal company, amounted to \$25,000,000, and in 1881 they will probably reach \$30,000,000. The map, which I publish herewith, shows what the connections of the Reading Company will shortly be.

shows what the connections of the Reading Company will shortly be. A grand future must inevitably open out for this undertaking.
Buyers of the shares should insist upon prompt delivery at the ensuing settlement on the 14th instant, so that they may be in a position to claim their proportion of deferred stock.
ATLANTIC, MISSISSIPPI, AND OHIO RAIL-ROAD.—The improvement in value of these bonds has made further progress during the past month, and the rapidity of the rise was such that in order to answer the numerous enquiries which were addressed to me in consequence of my frequent recommendations of the security, I issued a special circular on Dec. 17 explaining the position of affairs.

Upon the basis of my estimate of the value of the stocks to be given in exchange for the existing bondholders' certificates a present purchaser of one of these certificates of \$1000 or 200l. (which is the smallest amount obtainable) at the current quotations of 135, and

smallest amount obtainable) at the current quotations of 135, and which would cost 270*l.*, would receive after next month new securities which should be worth 321*l.*. The price now ruling also includes the cash payment of 2 per cent. due on the 11th inst. The earnings of the railway continue to increase every month, and the now approaching close of the receivership will place the securities in the front rank of American investments.

NEW YORK, PENNSYLVANIA AND OHIO RAILROAD (LATE ATLANTIC AND GREAT WESTERN.—Within the past few weeks there has been increased animation in the bonds and shares of this railway. The attention of the public has been directed to the lowness of present quotations by the fact of the resumption of interest payment on the First Mortgage Bonds, one-half the amount due on

An important element of strength is the introduction of the securities of the company on the New York Stock Exchange, where the demand for them is daily increasing. The upward movement in prices has been even more marked in America than here, and a rush has been made to buy up low-priced securities. Atlantic and Great Western bonds and shares remain about the lowest priced railway stocks in either Louden or New York, and as such are in especial. stocks in either London or New York, and as such are in especial favour in the latter city. The past misfortunes of the company have been due to various causes, one being the exceptional position of the property in being owned altogether in this country, leaving it without the salutary influence of supervision on the spot. Now that the Americans themselves are interested the management will, for the first time, be carefully watched and sharply criticised. Strange as

it may appear, the revenues, both gross and net, are now less than they were 10 or even 15 years ago, while all neighbouring and connecting systems have doubled or trebled their receipts during the same period. This has been wholly due to the exceptional gauge of same period. This has been wholly due to the exceptional gauge of the line, rendering it entirely dependent ou the Eric Company for access to the sea-board. The change of gauge to the standard width, and the opening of new connections indicated on the map which accompanies this circular, have now, however, entirely altered the position of affairs. By the Rochester and State line route access to the great system of the New York Central, with its lines to New York and New England, is secured, while a still more direct connection with the coast will soon be opened to the Philadelphia and Reading by means of the extension already commenced by an independent company. At Buffalo access is gained to the Grand Trunk systems, which will provide a market for the coal raised in the districts served by the Atlantic and Great Western. To the westward connection with all the leading points is given by the Cleveland, Coiumbus, Cincinnati, and Indianapolis Railroad, an alliance hitherto Columbus, Cincinnati, and Indianapolis Railroad, an alliance hitherto

not utilized.

Holding a central position with all these valuable allies, the revenues of the line must continue to improve at a greater rate than in the past 12 months. Full interest should be earned during the current year on the First Mortgages, which would warrant a much higher price for these bonds. As to the lower securities, the demand from America will certainly cause a rapid advance. The enquiry for the ordinary stock is largely due to the fact that it carries the control of the company. American operators are well aware that what trol of the company. American operators are well aware that whatever arrangements may be made for "voting trustees" or "beneficiary interests," the legal right of the shareholders to the control of a company cannot be set aside, and efforts, I believe, are at the pre-

a company cannot be set aside, and efforts, I believe, are at the present moment being made to purchase a sufficient interest in these shares to direct the future policy of a line which promises so much improvement in the future. English owners who wish to realise will get better prices for their holdings if they are content to wait the result of the development now in progress.

NEW YORK, LAKE ERIE, AND WESTERN SIX PER CENT. SECOND MORTGAGE BONDS.—By comparison with the Six per Cent. Bonds of other American railways, which are quoted from 115 to 120, these appear to be cheap (being very long dated) at the present price of 106, at which they return nearly 5% per cent. to an investor. They are now amply protected, the net earnings for the year ending 30th September last showing a surplus of 360,000%, after paying all bonded charges.

ing all bonded charges

ing all bonded charges.

MEXICAN RAILWAYS.—Shareholders in this progressive railway must now be thoroughly convinced that the improved position rests on a solid foundation. This was made manifest at the recent meeting of shareholders, when it was explained that the new railways, about to be constructed under American auspices, will greatly tend to the advancement of this particular property.

LONDON, CHATHAM, AND DOVER RAILWAY.—The comparatively high level to which these securities have now attained must be very gratifying to those shareholders who have held on regardless of the adverse criticisms with which this railway has been so frequently assailed. It is evident that this is a sound and steadily pro-

of the adverse criticisms with which this railway has been so frequently assailed. It is evident that this is a sound and steadily progressive property. Although the mileage is less than half that of the South-Eastern, the increase in the traffic receipts during the past half-year amounted to 23,570d., or only 3691l. less than the South-Eastern. The relative progression of the two railways has thus been exactly the reverse of that predicted by the advocates of the "fusion."

INSIGN."
ISLE OF MAN RAILWAY.—As these shares include the half-year's dividend to Dec. 31, which will probably be at the rate of 5 per cent. per annum, they are decidedly cheap at 5l. 10s. The traffics for 1880 were 22,374l. against 18,351l. in 1879, an increase

of nearly 22 per cent.

ANGLO-AMERICAN TELEGRAPH.—In view of the facts enume-ANGLO-AMERICAN TELEGRAPH.—In view of the facts enumerated in my circular last month, and that the 7,000,000l. of nominal capital is selling at a little over 4,000,000l, shareholders need not, in my opinion, be alarmed by the rumours in circulation as to a new American competitor in Mr. Jay Gould. That enterprising gentle man is the largest stockholder in the American Union Telegraph Company, which has already made an agreement with the new French Cable Company, so that any newcables could not receive traffic from either the Western Union or the American Union, who are respectively bound by agreement to the Anglo-American and the new French Company.

French Company.

TRAMWAYS.—The traffic receipts of all tramways have exhibited great vitality for several months past, and the forthcoming reports and dividends are likely to be more favourable, and in marked contrast to those of the previous half-year. Current prices include six months' dividend.

months' dividend.

RHYMNEY IRON COMPANY.—The 7 per cent. debentures of this company are well worth buying. I hope to issue a special circular referring fully to this property at an early date.

CANADIAN COPPER AND SULPHUR COMPANY.—The remarkable discoveries of gold and silver, coincident with the vigorous development of the company's ordinary resources, must entitle the 4l. shares at the present price of about 2l. 5s. to be regarded as an extractive investment.

attractive investment. INDIAN GOLD MINES.—It is only a year since I introduced the first of these companies, and when the whole project of gold mining in India was regarded as a "wild speculation." Subsequent events, however, have proved that the enterprise is rapidly developing into a great reality, and there are many indications at the present time that the various mining properties will prove to be great prizes. The cheapest shares in the market just now are the South Indian, Glenrock, and Phoenix, and I look for an early and considerable advance in value of all three. The latest reports are simply brilliant.

From Mr. WM. ABBOTT's Circular for January, 10, Tokenhov Yard, London, E.C.

THE NEW MINING COMPANIES OF THE PAST YEAR.

In next week's Journal will be published a tabular list of the British and foreign mining companies registered in 1880, compiled by Mr. E. Ashmead, of Drapers' Gardens, who for some years past has contributed to the Journal much useful statistical information relating to mines and mining. Looking at the present table, and comparing it with those supplied by Mr. Ashmead in past years, a good view is obtained of the state of the public mind as regards mining enterprise. The increase in the number of companies registered in 1880 prise. The increase in the number of companies registered in 1880 will afford considerable satisfaction to those who never doubted but that the depression which had existed so long would at last pass away. The spirit of enterprise is inherent in human nature, and when it can find vent in a legitimate way—even though that way, as in mining, may be speculative—it will not be deterred, provided only it has confidence in those who lead the undertakings.

As rearries the British public, the experience of many years has

gards the British public, the experience of many years has taught this—of the large number of persons who have spare capital few having energy and health are content to lend their money to the nation or the banks at 3 or less than that per cent. Apart from trade and manufacture, one has but to look at the official London Daily Stock and Share List to see the hundreds of million sterling invested in undertakings at home and abroad in the hope of obtaining more than what is called the legitimate 5 per cent. It is this enterprising spirit that has contributed so much to raise Great Britain as the leading commercial nation of the world. Stay legitimate speculation, and you stop national prosperity; check it, and it is followed by such and you stop national prosperity; check it, and it is followed by such depression as has lately been experienced. The present purpose, however, is with one branch of speculation—mining; next to agricultural the oldest known industry. It is a great pleasure to find it rapidly taking its true and proper place. The following figures are taken from Mr. Ashmead's tables of mining companies registered during the past five years for working metalliferous mines. It must not be supposed that the nominal capital of any year represents money. not be supposed that the nominal capital of any year represents money available for working purposes. There is reason to know in many cases—especially during the first four years referred to—that for want of support a number of the companies hardly survived their registrations, while others, again, were reconstructions, and much of the capital was allotted as fully paid to old proprietors; and investors

cannot shut their eyes to the fact that in many cases far too large an amount was paid either in cash or fully paid shares for purchase promotion : METALLIFEROUS MINES.

British.
ies. Capital.
... £1,138,060 Companies. Compan . 42 . 28 . 32 ... £1,582,940 684,890 16 ... 664,100 18 ... 731,200 16 ... 1,591,000 56 ••• 1877 ... 899,000 1878 652,400 1879 1880 31 54 ...

1879 ... 31 ... 731,200 16 ... 1,318,000

1880 ... 54 ... 1,591,000 56 ... 7,582,500

Looking at the table for 1880, the reader is at once struck with the fact of the large amount of capital subscribed to work mines in a part of the world hitherto an untried field to the British capitalist—India. The one mine in the Madras district, successfully launched in 1879, has proved the pioneer for about 20 more in 1880. The reports that have been issued by practical men on this new field doubtless warrants a fair trial being made, but it is a question whether it would not have been better to have proved a few before launching the remainder. In mining, as in life, the greater the prize the greater the difficulty in obtaining it; hence gold is more difficult to win than any of the baser metals. These difficulties, too, are different in one part of the world from what they are in another. A reef, for instance, may be known by assay to contain a certain number of ounces per ton, but the same means and appliances that will work a reef at a profit in Australis or California will altogether fail if applied to reefs (say) in Brazil or other parts of South America. No new mining field was ever tried without its special difficulties, and India cannot be expected to be without hers. While on the one hand one cannot but admire the zeal manifested in this new quarter, yet the public would do well to temper zeal with discretion. The increase shown in the number of home metallic mines registered. hand one cannot but admire the zeal manifested in this new quarter, yet the public would do well to temper zeal with discretion. The increase shown in the number of home metallic mines registered in 1880 will be viewed with unqualified pleasure by readers generally, being 54 against 31 in 1879, the western counties (Devon and Cornwall) showing a remarkable revival, much helped by the advanced price that was obtained for tin last year, and which seems likely to be maintained in this. As regards Devon and Cornwall it must be remembered that in addition to the registered companies there were last year formed a large number of unregistered new companies constituted on the Cost-book Principle, of which no record is obtainable. Under the Cost-book one and all according to the companies constituted on the Cost-book Principle, of which no record is obtainable. Under the Cost-book one and all, according to the Cornish motto, share prefit or loss, as the case may be. Limited liability has never found favour in the West. Large sums for purchase money, free shares and promotion at the commencement, with preference stock and debenture stock at the end of a company, too often the case under the Companies Act, not being understood, or at any rate appreciated in Cornwall. The Cost-book has undoubtedly its disadvantages, but for working home mines it has many advantages over limited liability provided proper accounts are rendered and calls made to cover all expenditure.

The favour shown generally to mines last year should give encounters.

vantages over limited hability provided proper accounts are rendered and calls made to cover all expenditure.

The favour shown generally to mines last year should give encouragement this. It would be well if all interested in this great industry would take a lesson from the past as a guide to the future. Let it be remembered it is the enterprising investor who is the friend and promoter of mining—the man who expends his money in labour with the prospects of obtaining its value many times over from metallic ore, and so doing adds to the wealth of the country. Not the eager speculator who makes an application for shares one day with the full intention of selling them on the first opportunity at a premium. The latter, for all the good he does to mining enterprise, might as well expend his energies on the turf. It is to be hoped that the real investors in mining will in every case use due caution, look well before they leap, see not only that they have mines worth trying, but that the price they have to pay for them in the first instance is worth it, and also have some guarantee that they will be well and economically managed. Then, having once decided that the enterprises they may embark in are worthy of pursuit try them fairly and honestly, not being afraid of small discouragements.

THE TAVISTOCK MINING DISTRICT.

The celebrity of the Tavistock district has long been established, and, with the exception of the Devon Great Consols, probably no mine has done more to make the value of the resources of the district evident than the Wheal Friendship, which has already yielded copper and other ores to the amount of about 1,500,000*l*., paid dividends to the shareholders of considerably over 300,000*l*., and returned dends to the shareholders of considerably over 300,000*l*., and returned nearly half that amount to the mine lord. An influential company has now been formed for carrying on the operations on a more extended scale, the Devon Wheal Friendship Mining Company having been incorporated with limited liability, which, after all, affords investors more protection than is possible under any other system; and a capital of 60,000*l*., in shares of 1*l*. cach, to take over the concern. As to the excellent prospects of the enterprise there appears to be no difference of opinion. As practical opinions are always infinitely preferable to theoretical ones, reference may be made to an encouraging account given by an old Wheal Friendship miner, especially as the style of his communication is calculated to give confidence that he writes with a full knowledge of the facts of the case. He says:—

to be no difference of opinion. As practical opinions are always infinitely preferable to theoretical ones, reference may be made to an encouraging account given by an old Wheal Friendship miner, especially as the style of his communication is calculated to give confidence that he writes with a full knowledge of the facts of the case. He says:—

Dec. 29.—Just before the mine was left to get full of water there was a very important discovery, where a man had a pitch in back of the 140 on Bennet's lode, west side of the cross-course, and cut ar unt or ore, where it is whole ground from there to the surface; the lode when stoped would produce 2 tons per fundemental to the control of the surface; the lode when stoped would produce 2 tons per fundemental to the surface; the lode when stoped would produce 2 tons per fundemental to the surface; the lode when stoped would produce 2 tons per fundemental to the surface; the lode when stoped would produce 2 tons per fundemental to the surface; the lode when stoped would produce 2 tons per fundemental to the surface; the lode of the cross-course and the lot of the cross-course. On the south underlayer lode at the 150 two stopes in the back and two in the bottom, worth on an average 10f. per fun, and many places on this lode that were worked for copper only back years ago when mundle was no value would hardly pay then, but would pay well now. There are hundreds of fathoma in length on kent's lote and lennet's lote that have not yet been tried, yet, was in working order it would be a good dividend mine without any other discovery for years. It was my duty to visit all the places that were working when the mine was suspended.

The prospects of the enterprise will, of course, be improved by the facilities which now exist for rapid working—by introducing rock drilling, more powerful explosives, and so on—and consequent reduction of fixed charges, and when to this is added the improvi

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the levels on Bennett's lode are drained, and the directors confidently anticipate that dividends or interest on the capital will be paid the first year. Although the directors fully expect, with the immense quantities of arsenical pyrites in these mines, that considerable profits from this source will be made, yet it is chiefly to the copper as well as to returns of tin that they look for large and permanent favourable results. The quality of the copper ores from this property has hitherto been unusually good, while the tin found formerly was mostly thrown away. The company will, without doubt, commence operations with abundant facilities for conducting the undertaking to a successful issue; and the gentlemen connected with the direction and management are so well known, and of such long experience, that permanent success is considered certain. the levels on Bennett's lode are drained, and the directors con-

WANTED,—TENDERS from first-class Firms of Sharebrokers to PLACE TWELVE THOUSAND £1 SHARES in a LEAD MINE (LIMITED), by commission, including all expenses. Address, "Beta," 103, Lees Road, Oldham.

Address, "Beta," 103, Lees Road, Oldnam.

M R . A L E X A N D E R D A V I D S O N ,

STOCK AND SHARE DEALER.

139, LEADENHALL STREET, LONDON, E.C.,

OFFERS the FOLLOWING SHARES FOR SALE at the NETT PRICES
AFFIXED, provided they are not sold, withdrawn, or price advanced:—

TIN MINES.

2 Carn Brea, £123 15s.
4 Dolcoath, £58 5s.
15 South Frances, £123/4.
15 South Frances, £123/4.
15 South Frances, £10 15s.
5 Wheal Basset, £5 5s.
25 Wh. Grenville, £11.
10 Wheal Jane, 16s.
20 Wheal Kitty, £44/4.
25 Wheal Peevor, £27/6.
COPPER MINES.
5 Devon G. Con., £17.
40 Devon G. Uni., £2 1 3
40 East Caradon, £15/6.
10 East Crebor, 17s. 3d.
50 Gawton.

100 East Crebor, 17s. 3d.
11 Swing Alexandra (£1 16 3)
11 Swing Alexandra (£1 18)
12 Swing Alexandra (£1 18)
13 Swing Alexandra (£2 18)
14 Swing Alexandra (£2 18)
15 Swing Alexandra (£2 18)
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110 Bodidris, 18s. 26 Derwent, £2 2s. 6d. 95 East Craven Moor, 18s. 85 Genroy, 10s. 3d. 30 Grogwinion, £2 15s.

LEAD MINES.
110 Herodsfoot, 16s.
25 Leadhills, £2 15s. 9d.
10 Minera, £9 12s. 6d.
110 Pen-yr-Orsedd, 23s 9d.
10 Roman Grav., £9 12 6.
120 South Darren, £2 1 3 FOREIGN, COLONIAL, AND GOLD

FOREIGN, COLONIAL, AND GOLD

Alma. and Tir., 10s. 6d. 90 Mysore, 15s. prem.
50 Canada Copper, 82½. 100 Mysore Res[s, 18 ad pm.
120 Devala-Moyar, 22. 50 New Quebrada, 26½.
20 Eber, and Auro., 23%. 120 Nou. Monde, £1138 90 South-East Wynaad, 25 Panulcillo, 46 6s. 3d.
110 Indian Glen., 31s. 6d. 25 Panulcillo, 46 6s. 3d.
110 Indian Phenix, 3/p pm. 28 Richmond, £17.

N.B.—Any part of the above can be obtained. Less prices might be accepted in some cases if offers were made. Offers can be made where no price is affixed.

SPECIAL NOTE.—Any of the above shares will be sold for payment end of January, 1881, on 25 per cent. of the purchase-money being paid on purchasing.

J O S E P H J A M E S R E Y N O L D S, STOCK AND SHARE DEALER, 6, MOORGATE STREET,

STOCK AND SHARE DEALER, 6, MOORGATE STREET,
LONDON, E.C.

ESTABLISHED 30 YEARS.

The increasing favour for mining as an investment has caused J. J. R. to select three or four Progressive Mines which possess the strongest claim or, public confidence. These consist—first, of proved lodes and strata; second, abundance of capital subscribed; third, proved mining knowledge to rapidly and properly apply the same.

J. J. R. confidently believes that at least three of the four mines referred to will not only declare dividends, but will advance in price some hundreds per cent. in a short time.

J. J. R. has spared himself no trouble in making his selection, knowing that in bringing money to his clients he enlarges his own business by having caused increased confidence in his judgment and knowledge.

J. J. R. WILL SELL:—15 East Caradon, £1 12 6
15 East Col. £13.

1 Carn Brea, £125.

1 Cook's Kitchen, £124.

1 East Pool, £35.

1 Cherodifoot, £128.

1 Devon Con., £16 15s.

25 Devon Gut. Uni, £24.

10 Drake Walls.

50 E. Devon Con., £24.

STOCKS AND SHARES.

STOCKS AND SHARES,
FOREIGN BONDS, TELEGRAPHS, TRAMWAYS, RAILWAYS, AND
OTHER LEADING SECURITIES.

R. JAMES STOCKER, STOCKBROKER,
2, CROWN COURT, THREADNEEDLE STREET, LONDON, E.C.

175 Tamar Sil.-Lead, £16s.
55 Tankerville Gt. Con.,
14s. 6d. (£1 paid).
10 Van, £16½.
20 West Chiverton, £189

Herodstoot. Killifreth. Marke Valley. Mona. Parys Corporation. Prince of Wales. So th Wheal Frances. Tankerville. Van. Bedford United. Carnaryon. Devon Consols. East W. Lovell. East Caradon. Canada Copper. Cedar Creek. Chontales. Devala Moyar. Devala Moyar.
Emma.
Exchequer.
Indian Glenrock.
La Plata.
Mysore.
Nouveau Monde.
Ruby and Dunderberg.
South Indian.
Potosi.

West Caradon. Wheal Crebor. West Crebor. Wheal Jewell. ESTABLISHED 1848. BANKERS: LONDON AND WESTMINSTER.

NOTICE.—In reply to numerous enquiries and applications for Shares in the HUNGARIAN COPPER COMPANY (LIMITED), the Directors have to state that ALL THE SHARES in this company were some time since SUBSCRIBED FOR and ALLOTTED.

5, Copthall Buildings, Throgmorton-street, London, E.C.

OLD DISCOVERY IN CORNWALL.—
Glannagwyn, speculative buyers, for a heavy rise, should make immediate application to Patrice Barry and Co., Mildmay Chambers, Union Court, Old Broad-street, London. Rare chance for investors.

M R. J. B. S A R G E N T,
STOCK AND SHARE BROKER,
LISKEARD.

Mr. J. B. Sargent, having had many years' experience in Mining, and esiding in the district of the celebrated CARADON, PHENIX, HERODSFOOT, and MENHENIOT Mines, is in a position to GIVE RELIABLE INFORMATION TO INTENDING INVESTORS AND OTHERS.
Highest references given if required.
Bankers: Devon and Cornwall Bank, Liskeard.

OR SALE, a SEMI-PORTABLE PIT SINKING, COAL WINDING, and PUMPING ENGINE, double 9% in. cylinder, fitted with link-motion reversing gear, mounted on a multitubular boiler, with Bowling iron fire-box.

Also WINDING GEAR, drum 5 ft. diameter, brake, and PUMPING GEAR complete, ready for immediate delivery.

To be seen at—

BARDOWS

BARROWS AND STEWART'S WORKS, BA BURY, OXON. TO BE SOLD, BY PRIVATE TREATY, TWO HUNDRED VERY SUPERIOR 8-ton COAL WAGONS, built by OLIVE,

of Wigan.

For further particulars, apply in writing to "Box 200," MINING
JOURNAL Office, 26, Fleet-street, E.C.

HENRY WIGGIN AND CO. (LATE EVANS AND ASKIN), NICKEL AND COBALT REFINERS

BIRMINGHAM. JACKSON AND BUTTERFIELD. ANALYSTS AND ASSAYERS,

Assays or Complete Analyses made of Copper, Silver, Lead, Zinc, Tin, an her Ores.

Assaying Taught. 106, QUEEN VICTORIA STREET, LONDON, E.C

GEO. G. BLACKWELL,

26 CHAPEL STREET, LIVERPOOL, PURCHASER OF

MANGANESE, ARSENIC, FLUOR-SPAR, WOLFRAM, BLENDE, CALA-MINE, CARBONATE and SULPHATE OF BARYTES, ANTIMONY ORE, CHROME ORE, MAGNESITE, EMERY STONE, PUMICE STONE, OCHRES AND UMBERS, CHINA CLAY, LEAD ORE FOR POTTERS, TALC, PHOSPHATE OF LIME, &c.

COAL MINES REGULATION ACT, 1872.

EXAMINATION FOR MANAGERS' CERTIFICATES OF COMPETENCY. DISTRICT UNDER THE CHARGE OF J. P. BAKER, Esq., H.M. INSPECTOR OF MINES.

NOTICE IS HEREBY GIVEN, that an EXAMINATION for MANAGERS' CERTIFICATES OF COMPETENCY, under the above-named Act, will be HELD on the 25th day of January, and CANDIDATES INTENDING TO PRESENT THEMSELVES AT SUCH EXAMINATION must, on or before the 20th day of January, notify such intention to the Secretary of the Board of the above-rentioned District, from whom all information as to particulars can be obtained.

By order of the Board, Heath Town, Wolverhampton. W. BLAKEMORE, Secretary. N.B.—Persons who do not reside within the district are equally eligible for examination with those who do.

COALS.

TENDERS WILL BE RECEIVED until Two o'clock on TUESDAY, the 25th instant, for LAND ENGINE, SMITHERY, AND GAS COALS FOR HER MAJESTY'S

DOCKYARD EXTENSION WORKS.

Forms of Tender, containing conditions of Contract and all particulars, may be obtained on personal application at this Office, or by letter, addressed Director of Navy Contracts, Admiralty, Whitehall, S.W."

JOHN COLLETT, Director of Navy Contracts.

Contract Department, Admiralty, Whitehall, S.W.,

6th January, 1831.

THE TANKERVILLE MINING COMPANY (LIMITED).

A LL PERSONS CLAIMING TO BE CREDITORS OF THE ABOVE-NAMED TANKERVILLE MINING COMPANY (LIMITED), are required, on or before the 7th February, 1881, to SEND, in writing, a notice containing THEIR NAMES and ADDRESSES, and the PARTICULARS of their DEBTS or CLAIMS to the Liquidators, addressed to Mr. John Henry Murchison, 8, Austinfriars, London, or in default thereof they will be EXCLUDED from the BENEFIT of any DISTRIBUTION of ASSETS made before such notice shall be received.

J. H. MURCHISON, Liquidators.

Dated this 31st day of December, 1880.

SPAIN.—A SITUATION as ENGINEER in a MINING WORKS is WANTED by a Young Man formally a State of the State of th

is WANTED by a Young Man, formerly a Student of the Ecole des Mines, Paris. Speaks English, Spanish, and French.
Address, "Santiago B.," 22 bis, Avenue de St. Cloud, Versailles,

ESPANA.—Un Joven salido de la Escuela des Minas de Paris, deséa SITUACION de INGENIERO. Habla Españól, Inglés, y Francés.

Direccions, "Santiago B.," 22, Avenue de St. Cloud, Versailles,

METALLURGICAL ENGINEER, shortly at liberty, SEEKS RE-ENGAGEMENT as MANAGER of SMELTING-WORKS. Educated at Frieberg. Experienced in planning and erecting metallurgical plant, specially lead smelting and desilverising, and in general and technical management. Practised chemist and assayer. At present Assistant Manager of one of largest Lead and Silver Works in Europe. Highest testimonials and references. Address, "G. B. W.," care of Messrs. G. Street and Co., 30, Cornhill, E.C.

MINING PROPERTY TO BE DISPOSED OF.

THE PROPRIETORS of a VALUABLE MINING SETT, near
ASHBURTON, are prepared to GRANT a LEASE for the FUTURE WORKING THE SAME, with the SALE of the MACHINERY and PLANT, comprising
PUMPING and DRAWING ENGINES, BOILERS, PITWORK, with other
MATERIALS,
For particulars apply, "The Proprietors," Druid Mine, Ashburton, Devon.

COLLIERY MANAGER. WANTED, for a COLLIERY of considerable magnitude, a CERTIFICATED MANAGER. He must have thorough Mechanical and Engineering Experience, and accustomed to working "Long Wall." Age from 30 to 40 years.

Applications, with copies of testimonials and all needful particulars, to be addressed "Colliery Manager," office of the Daily Post, Birmingham.

WANTED, a FEW TONS of GOLD QUARTZ in LONDON.
Yield of Gold of no importance, it being required only to illustrate, in
London, the advantages of a new stamping machine.
Apply to Frank Taylor, Sandycroft, near Chester.

WANTED, a 30-horse power HORIZONTAL DOUBLE CYLINDER HIGH-PRESSURE STEAM-ENGINE; also, a 40-horse power BOILER, Galloway principle. New or second-hand. Apply to the Secretary of the Wotherton Barytes and Lead MiningiCompany, 71, Tower Buildings, Liverpool.

A NALYTICAL CHEMIST WANTED.—One accustomed to the Wet Assay of Copper, and the Analysis of Iron, China Clay, Phosphates, Nitrates, Manures, &c. One who has had practical experience in a Laboratory preterrea.

Apply by letter, stating salary required, and giving testimonials, &c., to "B.R., MINING JOURNAL Office, 26, Fleet-street, London, E.C.

A PRACTICAL MINING AGENT, 36, holding good certificates for machinery, desires EMPLOYMENT where he could make himself generally useful. Drawing, Dialing, Assaying, French, and German. Worked nine years underground.

Address, "Miner," MINING JOURNAL Office, 26, Fleet-street, London, E.C.

TO SPECULATIVE CAPITAL ISTS—
SEVERAL REAL GOOD AND PROGRESSIVE SHARES in GOLD,
SILVER, COPPER, TIN, and LEAD MIXES, also in other Companies, can be
OBTAINED A BARGAIN, if bought at once.
Address, "Nemo," Target Office, Green-lane, Newland, Hull.

SILVER-LEAD MINE, EAST CORNWALL.—A NEW LODE has been DISCOVERED within 3 fathoms of surface, producing good work for lead, which, per assay, is worth for silver 28 ounces per ton and for lead 82 per cent.

Farties desirous of forming a company to work the Mine are requested to apply to—

Mr. W. D. KING, Solicitor, Camelford.

PRINCE OF WALES SLATE QUARRY.—SHAREHOLDERS wishing to SELL THEIR SHARES are invited to communicate (stating lowest price), with "J. F.," care of J. W. Vickers, 5, Nicholas-lane, Lombard-street, E.C.

POR SALE, BY PRIVATE CONTRACT, a 36-inch cylinder STAMPING ENGINE, BOILER, and 48 HEADS OF STAMPS; ONE 24-inch WINDING ENGINE and BOILER. Address, "Box, 14," MINING JOURNAL Office, 26, Fleet-street, London, E.C.

THE RUBY AND DUNDERBERG CONSOLIDATED MINING Notice is hereby given, that an EXTRAORDINARY GENERAL MEETING of the shareholders of this company will be HELD at the offices of the company, 5, Crosby Square, London, on FRIDAY, the 14th day of January, 1381, at One o'clock, to confirm the special resolutions passed at the Extraordinary General Meeting of the Members of the Company, held at the Cannon-street Hotel, on Wednesday, the 15th day of December last.

RONTINO AND BOLIVIA COMPANY.—
Notice is hereby given, that the Directors of the Company have this day DECLARED a DIVIDEND of TWO SHILLINGS (2s.) PER SHARE (free of income tax) PAYABLE on and after the 12th day of January, 1881, at the Imperial Bank, Lothbury, E.C.

By order of the board,
January, 3, 1880.

January, 3, 1880.

I N E "E L C A C GUAYANA, VENEZUELA. COUPONS OF SHARES.....

Gold in bars produced in the month of November, 1880, and re-Messrs. Baring Brothers and Co., London, 4691 95 ozs.
DIVIDEND distributed for each coupon, \$100.
(Signed) A. LICCIONI, President. (Signed) VICTOR T. GRILLET, Treasurer.

STONE BREAKERS AND CRUSHING MACHINERY' for REDUCING to any degree of fineness all kinds of ORES, QUARTZ, COAL, CEMENT, PAINT, &c.
Particulars and specifications on application to "Quartz," MINING OURNAL Office, 26, Fleet-street, London,

MESSRS. J. TAYLOR AND CO.,

86, LONDON WALL, LONDON, E.C.,
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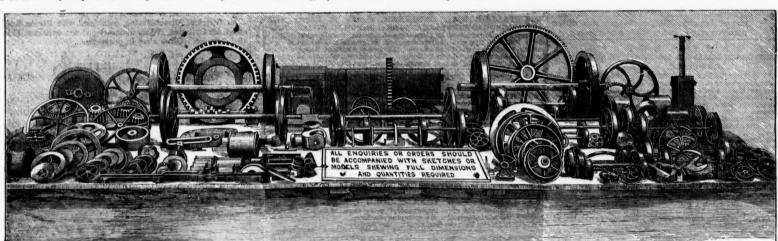
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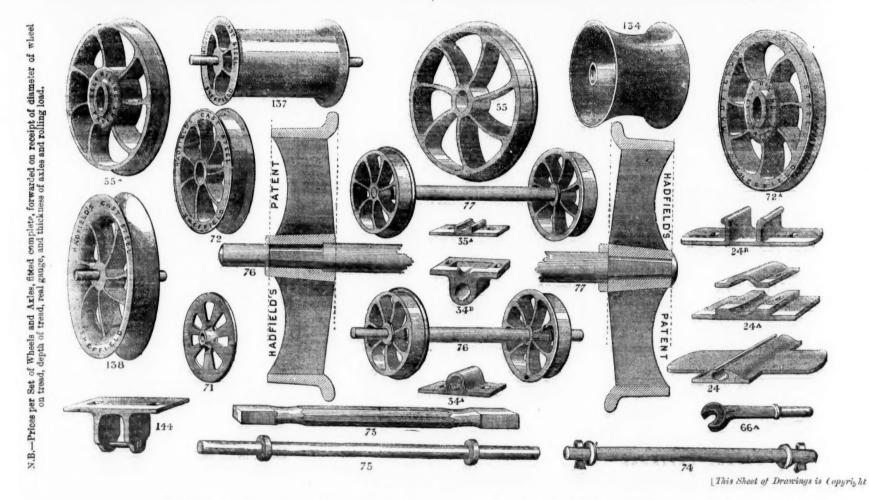
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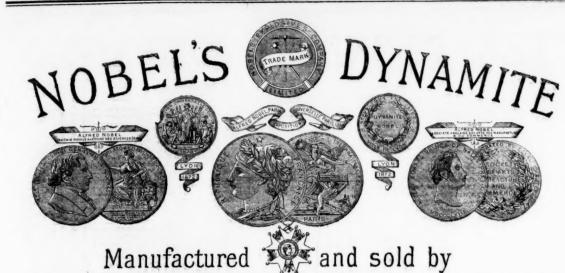
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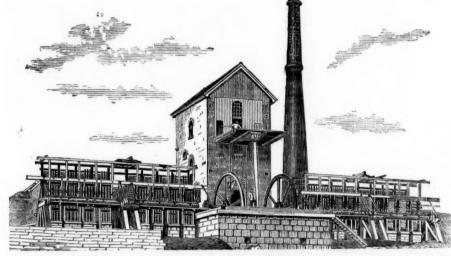
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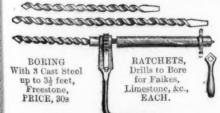
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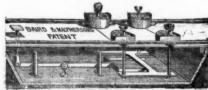
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27500. 20. Ric de Janeiro [L] all. 64, 7% 27500. 20. Ric de Janeiro [L] all. 24 25 00000. Stk. South Metropolitan, A. 100. 200 205 50000. Stk. Ditte, ditto, B. 100. 177 182	Russian, 5½, per cent. L. Mort. 8panish, Quicksilver, Mort. 5 per cent	5 Ditto pref., 8 per cent	by HENEY ENGLISH (the proprietors), at their office, 25, FLEET STREET, E.C. where all communications are requested to be addressed.—January 3, 1881.